AD-A131 190 WERTHEIM AAF GERMANY(WEST) REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. FEB 83 1/2

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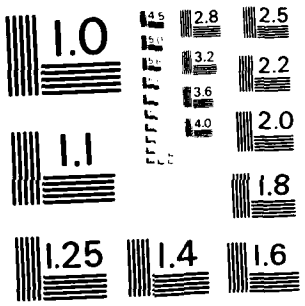

MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 A

AD-E 850 394

DS #83016

(1)

ADA131196

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

[illegible]

[illegible]

[illegible]

[illegible]

24 FEB 1983

[illegible] 1983

FEDERAL BUILDING
ASHEVILLE, N. C.

83 08 01 152

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REPORT DOCUMENTATION PAGE

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1. REPORT NUMBER: USAFETAC/DS 83016

2. GOVT ACCESSION NO.: AD-A131 190

3. RECIPIENT'S CATALOG NUMBER:

4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- WERTHEIM AAF, GERMANY, WEST

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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for

WERTHEIM AAF, GERMANY, WEST

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*GERMANY, WEST *WERTHEIM AAF
*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

Since Wertheim AAF, DL is a part time observing station, we partitioned the data to use only those observations from 0500Z to 1600Z. The hourly data 1600Z to 0400Z were not used in the production of this summary. This is done to reduce any bias in the summaries which could result from using those infrequent observations outside the normal operating hours.

This RUSSWO must be used with caution. The title page contains a stamped entry "Data Not Available" next to those summaries that are not included, i.e., 24-Hour Precipitation: This station being closed on weekends and holidays obviously renders this summary as questionable (is the data for 24, 48 or 60 hours at beginning of new week?)

The remaining summaries contain serious misleading values that if used would present gross inaccurate climatology for the station, therefore the "ALL ALL" summaries were removed (because they do not represent the "ALL" hours summaries):

SECTION A Weather Conditions

SECTION C Surface Winds

SECTION D Ceiling Versus Visibility

SECTION E Psychrometric Summary and Relative Humidity

The remaining Hourly Summaries must be used with caution and the following values NOT USED: TOTALS, MEANS AND STANDARD DEVIATIONS. (The values are for 0500Z to 1600Z only and not for a 24 Hour period).

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

[illegible] observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

[illegible] recorded on reporting forms and coded into summary of the day observations. ([illegible] etc.)

DESCRIPTION OF SUMMARIES

[illegible] description of the data contained in each part of the Revised Uniform Summary of Surface Weather Observations [illegible] are prepared from hourly and daily observations recorded by stations operated by the U.S. [illegible] reporting practices.

[illegible] are included for this station:

PART A WEATHER CONDITIONS

- ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION DATA NOT AVAILABLE

- SNOWFALL DATA NOT AVAILABLE
- SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

- SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

- EXTREME MAX & MIN TEMP DATA NOT AVAILABLE
- PSYCHROMETRIC DRY VS WET BULB
- MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)
- RELATIVE HUMIDITY

PART F STATION PRESSURE

- SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

[illegible] reporting hourly observations are summarized in [illegible]-hour periods corresponding to the following sets of hourly observations: [illegible] hours local standard time.

MISSING HOUR GROUPS

[illegible] are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular [illegible] the meteorologic period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JAN _____	APRIL _____	JULY _____	OCTOBER _____
FEB _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
106570	WERTHEIM GERMANY AAF DL	N 49 45	E 009 30	1110	EDOF	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	HCT ~~BAROMETER~~	
1	Wertheim Germany	AAF	Nov 64	Dec 70	N 49 46	E 009 29	1120	1106	12 to
2	Same	AAF	JAN 71	FEB 81	Same	Same	1110	Same	15
3	Same	AAF	Mar 81		N 49 45	E 009 30			12

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 64 to Feb 68	Located on hangar roof.	AN/GMQ-1	None	50 ft	
2	Mar 68 to Dec 70	Located on top of MMQ-2 Van	AN/GMQ-15	None	25 ft	

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]570	WERTHEIM AAF DL	73-81	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02												
	03-05												
	06-08		14.6	1.7	10.0		24.6	54.3	1.5			55.9	521
	09-11		15.8	1.6	11.9		28.2	49.1	2.1	.2		51.4	577
	12-14		15.8	1.6	11.8		28.3	44.5	3.2	.2		47.8	569
	15-17		15.8	.6	9.1		24.4	42.4	4.3	.2		46.5	505
	18-20												
	21-23												
TOTALS			15.5	1.4	10.7		26.4	47.6	2.7	.2		50.4	2165

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 657J WERTHEIM AAF DL 73-81 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02												
	03-05												
	06-08		12.2		11.3		22.6	56.8	3.8			60.6	477
	09-11		12.9		11.4		22.9	51.5	5.5			56.9	511
	12-14		11.7	.2	11.5		22.2	30.7	15.4			46.1	514
	15-17		12.6	.4	8.3		19.4	25.0	17.3			42.3	469
	18-20												
	21-23												
TOTALS			12.4	.2	10.6		21.8	41.0	10.5			51.5	1970

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1[illegible]570 — STATION
WERTHEIM AAF DL — STATION NAME
73-81 — YEARS
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02												
	03-05												
	06-08		16.2	.2	6.2		22.0	46.7	5.5			52.1	566
	09-11		15.8		6.9		21.7	30.3	17.1			47.4	595
	12-14		11.8		3.4	.2	14.3	15.0	24.4	.2		39.6	594
	15-17	.4	11.1		1.8		11.8	12.7	20.5	.6		33.8	542
	18-20												
	21-23												
TOTALS		.1	13.7	.1	4.6	.1	17.5	26.2	16.9	.2		43.2	2299

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2

WEATHER CONDITIONS

1[illegible]570 — STATION
WERTHEIM AAF DL — STATION NAME
73-81 — YEARS
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02												
	03-05												
	06-08		13.3		4.6		16.1	41.9	11.5			53.3	540
	09-11		10.7		4.6	.2	14.2	18.8	21.1			40.0	563
	12-14		10.2		3.4	.5	12.9	5.9	16.6			22.5	560
	15-17	.2	12.7		2.5	.2	14.3	2.0	13.1			15.1	489
	18-20												
	21-23												
TOTALS		.1	11.7		3.8	.2	14.4	17.2	15.6			32.7	2152

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]572	WERTHEIM AAF DL	73-81	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH REST TO VISION	TOTAL NO. OF OBS
MAY	00-02												
	03-05												
	06-08	.4	12.8				12.8	43.3	12.2			55.5	533
	09-11	.4	12.4		.2		12.6	15.1	23.2			38.4	555
	12-14	1.1	13.2		.4	.2	13.6	2.7	14.7			17.4	551
	15-17	1.7	14.7				14.7	1.9	11.3			13.2	468
	18-20												
	21-23												
TOTALS		.9	13.3		.2	.1	13.4	15.8	15.4			31.1	2107

USAFETAC FORM JULY 68 0-10-5 OL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
1 57[illegible]	WERTHEIM AAF DL	73-81	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02												
	03-05												
	06-08	1.1	12.8				12.8	39.1	16.5			55.6	547
	09-11	.9	11.6				11.6	10.2	26.0			36.2	561
	12-14	1.4	9.4				9.4	5.5	15.5			21.0	561
	15-17	1.6	8.4				8.4	1.6	11.5			13.1	489
	18-20												
	21-23												
TOTALS		1.3	10.6				10.6	14.1	17.4			31.5	2158

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
15770	WERTHEIM AAF DL	73-81	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02												
	03-05												
	06-08		11.4				11.4	46.5	15.7			42.2	555
	09-11	.5	14.5				14.5	10.2	22.5			32.7	567
	12-14	.9	14.3				14.3	3.3	10.9			14.1	552
	15-17	2.6	10.8				10.8	.6	6.0			6.6	499
	18-20												
	21-23												
TOTALS		1.0	12.8				12.8	15.2	13.8			28.9	2166

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

57 — STATION
WERTHEIM AAF OL — STATION NAME
73-81 — YEARS
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02												
	03-05												
	06-08	.3	9.6				9.6	56.0	15.0			71.0	573
	09-11	.2	6.7				6.7	72.7	31.3			54.0	581
	12-14	1.7	7.2				7.2	3.4	18.8			72.2	583
	15-17	.9	6.7				6.7	3.6	12.7			16.3	535
	18-20												
	21-23												
TOTALS		.8	7.6				7.6	21.4	19.5			40.9	2269

USAFETAC FORM 0-10-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION: [illegible] WERTHEIM AAF DL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02												
	03-05												
	06-08		7.6				7.6	71.6	3.5			75.1	[illegible]
	09-11	.2	7.7				7.7	43.5	19.5			63.0	[illegible]43
	12-14		9.2				9.2	12.0	25.6			37.6	542
	15-17	.6	10.6				10.6	6.1	16.9			25.0	472
	18-20												
	21-23												
TOTALS		.2	6.8				8.8	33.3	16.9			5[illegible].2	2[illegible]71

USAFETAC FORM JULY 64 0-10-5 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2 057 — STATION
WERTHEIM AAF OL — STATION NAME
73-81 — YEARS
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02												
	03-05												
	06-08		15.7		.2		15.9	65.2	2.0			67.2	555
	09-11		16.7		.9		17.2	53.2	5.9			59.0	564
	12-14		15.5		.5		16.0	29.0	14.4			43.5	568
	15-17		14.5		.4		14.7	22.2	16.4			36.5	532
	18-20												
	21-23												
TOTALS			15.6		.5		16.0	42.4	9.7			52.1	2219

USAFETAC FORM JULY 64 0-10-51(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1[illegible]-57[illegible] (STATION) WERTHEIM AAF DL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02												
	03-05												
	06-08		17.0		9.4		25.0	45.0	.4			45.4	513
	09-11		17.7		10.1		26.0	44.7	2.1			46.8	515
	12-14		12.9		5.5		17.7	30.4	5.8			36.3	513
	15-17		14.1		4.1		17.3	24.2	8.4			32.6	509
	18-20												
	21-23												
TOTALS			15.4		7.3		21.5	36.1	4.2			4[illegible].3	2[illegible]50

USAFETAC FORM JULY 64 0 10 SIOL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

.57 WERTHEIM AAF DL — STATION / STATION NAME
73-81 — YEARS
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02												
	03-05												
	06-08		19.0	.8	11.8		30.0	48.8	.4			49.2	510
	09-11		17.2	.2	11.0		26.5	50.6	1.1			51.7	536
	12-14		16.3	.4	8.8		24.3	36.9	3.3			40.2	523
	15-17		17.0	.4	9.4		25.6	35.8	3.8			39.6	477
	18-20												
	21-23												
TOTALS			17.4	.5	10.3		26.6	43.0	2.2			45.2	2046

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

C

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

alues for means and standard deviations do not include measurements from incomplete months.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (LST) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2											.2
NNE	.4	.2											
NE	.1	2.1	.5	.2									
ENE	2.2	2.2	1.5										
E	.3	5.4	1.1										
ESE	.7	.2	.2										
SE	.5	1.2	.4										
SSE	.7	1.1	.2										
S	.2	.4	.4										
SSW	.1	1.2	.5										
SW	.4	4.	1.7	1.6									
WSW	1.6	2.6	4.7	2.1									
W	1.4	3.4	4.2	.1	1.2								
WNW	.2	2.2	1.3	.3	.4	.4	.2						.4
NW	.2	.2	.5	.9	.2								
NNW													
VARBL													
CALM													
#	1.8	3.6	1.2	1.1	2.3	.5	.2						

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

CLASS ALL WEATHER HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]											[illegible]	[illegible]
NNE	[illegible]	[illegible]										[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 1 JUL 54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

FERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 1 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]		[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]										[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]											[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible]	[illegible]
VARBL			[illegible]	[illegible]								[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (L S T)

CONDITION

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

OFFICIAL FORM 1-64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]										[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible]	[illegible]
VARBL													
CALM													
%	[illegible]	[illegible]	[illegible]	[illegible]									

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (LST) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] (STATION NAME) [illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS LST)

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]									

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

ASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

[illegible] ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL [illegible] HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE													
SSE	[illegible]											[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL	[illegible]				[illegible]							[illegible]	[illegible]
CALM													
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.1	1.6	.4								.4	6.0
NNE	.4	1.2	.7	.5								.8	7.0
NE	1.4	1.6	1.3	1.4	.4							7.0	[illegible]
ENE	.4	2.3	3.2	2.1								.9	[illegible]
E	.5	4.1	1.2	1.5								7.9	7.0
ESE	.3	2.1	1.4									.9	[illegible]
SE		1.7	.7									.9	5.1
SSE	.5	1.4	.4									.7	[illegible]
S	.6	.7	.3									[illegible]	[illegible]
SSW	.5	.5	.4									.9	4.7
SW	.5	1.0	1.5	.7								.9	7.0
WSW	.3	1.0	4.1	1.3	.2							.9	[illegible]
W		2.1	7.0	.3								1.0	[illegible]
WNW	.5	2.0	1.4	.3								3.0	7.0
NW	.5	2.0	4.1	1.4								.9	7.0
NNW	.4	.5	1.4	.4								.9	6.7
VARBL	.3		1.1	.3								.9	[illegible]
CALM												[illegible]	
	.6	7.0	16.4	10.4	.5							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY RESEARCH
FLTAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] NORTH

CLASS: ALL WEATHER HOURS (LST)

CONDITION

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE													
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]											[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible]	[illegible]
VARBL	[illegible]		[illegible]									[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]									

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (LST) _____

CONDITION _____

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 1 JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 0-R-4 OLD-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 5-5-5 OLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS LST

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 1-64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
#													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 1 JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 0-1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	.2									[illegible]	[illegible]
NNE	1.2	1.2	.7									[illegible]	[illegible]
NE	.7	4.5	1.4	.7								[illegible]	[illegible]
ENE	.5	5.7	2.2									[illegible]	[illegible]
E	.7	4.5	2.1	.5								[illegible]	[illegible]
ESE	1.7	2.5	.5	.5								[illegible]	[illegible]
SE	.7	.5	.2									[illegible]	[illegible]
SSE	.2	.2										[illegible]	[illegible]
S	.2											[illegible]	[illegible]
SSW	.2	1.0	.9									[illegible]	[illegible]
SW	.2	1.5	1.2	.7								[illegible]	[illegible]
WSW	1.4	2.5	1.7	.5								[illegible]	[illegible]
W	1.4	4.1	[illegible]	.2	.2							[illegible]	[illegible]
WNW	1.0	4.0	3.1	.7								[illegible]	[illegible]
NW	1.7	3.3	1.7									.1	[illegible]
NNW	[illegible]	.7	.7									[illegible]	[illegible]
VARBL	1.2	.7	1.6									[illegible]	[illegible]
CALM	[illegible]											[illegible]	
	[illegible]	33.0	14.1	1.7	.2							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (LST) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 2985 OLD A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
CALM												[illegible]	
%	[illegible]	[illegible]	[illegible]	[illegible]									

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-04 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]										[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL	[illegible]											[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 1 JUL 54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL	[illegible]											[illegible]	[illegible]
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] FLTAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER
CLASS [illegible] HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]		[illegible]									[illegible]	[illegible]
VARBL	[illegible]	[illegible]										[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] REV [illegible] PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] AAF [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL [illegible] HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 84 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 1-54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]											[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
VARBL				[illegible]								[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]
[illegible]
[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — [illegible] STATION NAME — [illegible] YEARS — [illegible] MONTH

ALL [illegible] CLASS — [illegible] HOURS (L S T)

CONDITION

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]										[illegible]	[illegible]
NNE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL				[illegible]								[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 0-4-5 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE		[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

CEILING VERSUS VISIBILITY

AAF DL

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WERTHEIM AAF GE [illegible]
STATION / STATION NAME / YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

VISIBILITY (STATUTE MILES)

[illegible]	[illegible]	[illegible]	7.[illegible]	[illegible]	10.2	10.7	11.7	11.[illegible]	[illegible]	13.[illegible]	13.7	14.	14.[illegible]	14.[illegible]	[illegible]
2.2	4.6	5.7	[illegible]	11.1	11.[illegible]	13.[illegible]	14.5	15.1	16.1	16.1	17.	17.4	17.[illegible]	17.7	[illegible]
3.3	4.6	6.[illegible]	9.1	11.4	12.1	13.2	15.1	15.9	17.2	17.9	1[illegible].1	1[illegible].4	1[illegible].1	19.7	[illegible]
3.3	4.6	6.9	9.1	11.4	12.1	13.2	15.1	15.[illegible]	17.2	17.9	18.1	19.4	19.[illegible]	[illegible]	[illegible]
3.3	4.6	6.9	9.1	11.4	12.1	13.2	15.1	15.[illegible]	17.2	17.[illegible]	[illegible].1	[illegible].4	1[illegible].1	[illegible]	[illegible]
3.4	4.7	7.[illegible]	9.3	11.6	12.3	13.3	15.3	15.[illegible]	17.4	[illegible].1	[illegible]	[illegible].6	1[illegible].7	1[illegible]	[illegible]
3.7	4.9	7.2	[illegible]	11.8	12.5	13.5	15.4	16.1	17.5	18.7	[illegible].4	[illegible]	19.5	[illegible]	[illegible]
3.9	5.1	7.4	[illegible]	12.1	12.5	13.9	15.[illegible]	15.8	17.9	18.5	18.8	19.1	19.[illegible]	[illegible]	[illegible]
[illegible]	7.5	[illegible]	1[illegible].3	14.7	15.4	15.5	16.6	19.7	20.7	21.4	21.5	21.9	22.[illegible]	[illegible]	[illegible]4.
[illegible]	1[illegible]	1[illegible].3	14.7	17.2	17.9	19.1	21.4	22.1	22.7	24.4	24.5	24.9	25.[illegible]	25.[illegible]	[illegible]7.
[illegible].4	1[illegible].2	1[illegible]	15.1	17.7	18.4	19.5	21.9	22.[illegible]	24.2	24.7	25.1	25.4	26.1	[illegible]	[illegible]7.
[illegible]	1[illegible]	1[illegible].5	1[illegible]	17.[illegible]	18.[illegible]	19.8	22.1	22.[illegible]	24.4	25.1	25.3	25.6	26.3	26.[illegible]	[illegible]7.[illegible]
[illegible]	[illegible].2	1[illegible]	[illegible].3	17.9	18.6	19.5	22.1	22.[illegible]	24.4	25.1	25.3	25.6	26.3	2[illegible]	[illegible]7.7
[illegible]	[illegible].4	1[illegible]	1[illegible].6	18.4	19.1	[illegible].7	23.[illegible]	23.7	25.3	26.	26.1	26.5	27.2	27.4	[illegible]
[illegible]	[illegible]	14.5	1[illegible].9	21.6	22.3	2[illegible]	25.5	27.7	28.5	29.[illegible]	29.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible].3	1[illegible].1	1[illegible].9	24.7	27.7	[illegible].4	[illegible].5	33.[illegible]	34.[illegible]	35.1	36.[illegible]	37.[illegible]	37.4	38.2	38.4	[illegible]
13.[illegible]	1[illegible].7	2[illegible].7	25.5	2[illegible].8	[illegible].5	32.8	36.1	35.[illegible]	36.3	39.5	39.8	40.2	41.1	41.7	[illegible]
15.[illegible]	2[illegible].5	24.[illegible]	3[illegible].5	33.9	34.6	37.[illegible]	41.4	41.[illegible]	44.[illegible]	44.[illegible]	45.1	4[illegible].4	46.[illegible]	46.7	[illegible]
1[illegible].1	2[illegible]	25.1	31.4	34.[illegible]	35.5	38.6	42.3	43.[illegible]	46.3	47.	47.4	47.7	4[illegible]	4[illegible]	[illegible]
16.[illegible]	[illegible].1	2[illegible].7	33.[illegible]	37.2	38.1	41.1	45.1	46.[illegible]	49.1	49.[illegible]	5[illegible].2	5[illegible].5	52.1	52.[illegible]	5[illegible]
[illegible]	25.1	3[illegible].7	4[illegible].2	4[illegible].4	46.3	49.5	53.5	54.4	58.4	59.5	5[illegible]	5[illegible].4	6[illegible].1	[illegible]	64.
[illegible]	[illegible]	33.	43.[illegible]	4[illegible].1	5[illegible]	53.7	58.1	59.9	63.2	64.[illegible]	65.[illegible]	6[illegible]	6[illegible].4	6[illegible]	[illegible]
[illegible]	27.5	37.[illegible]	44.[illegible]	[illegible]	[illegible].9	54.9	59.3	6[illegible]	64.7	65.[illegible]	66.[illegible]	67.5	7[illegible]	7[illegible]	[illegible]
[illegible].7	2[illegible].2	34.2	45.3	[illegible].1	53.[illegible]	57.4	62.1	63.	67.9	68.9	7[illegible]	7[illegible].9	73.[illegible]	74.	76.[illegible]
21.4	[illegible].1	35.3	47.[illegible]	54.[illegible]	[illegible]4.9	59.5	64.2	65.4	71.1	72.3	73.7	74.4	76.[illegible]	77.5	[illegible]
21.[illegible]	3[illegible]	34.1	45.2	5[illegible].3	56.1	61.1	66.[illegible]	67.4	73.3	75.3	76.3	77.7	80.4	81.1	[illegible]
21.[illegible]	3[illegible]	35.1	45.4	5[illegible].4	56.3	61.2	66.1	67.5	73.7	7[illegible].6	77.[illegible]	7[illegible]	81.9	82.5	[illegible]
21.[illegible]	3[illegible]	35.1	45.4	55.6	55.5	61.4	66.5	68.1	75.4	77.4	79.6	81.1	86.9	87.7	[illegible]
21.[illegible]	3[illegible]	3[illegible].1	45.4	55.6	55.5	61.4	66.5	68.1	75.5	77.9	80.9	8[illegible].6	[illegible]	[illegible]	[illegible]
21.[illegible]	3[illegible]	3[illegible].1	45.4	55.6	55.5	61.4	66.5	68.1	75.8	77.9	80.7	81.6	88.[illegible]	[illegible]	[illegible]
21.[illegible]	3[illegible]	3[illegible].1	45.4	55.6	55.5	61.4	66.5	68.1	75.8	77.9	8[illegible].9	8[illegible]	8[illegible].9	[illegible].7	[illegible]
21.[illegible]	3[illegible]	3[illegible].1	45.4	55.6	56.5	61.4	66.5	68.1	75.8	77.9	8[illegible].9	82.6	88.5	9[illegible].7	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION | WERTHEIM AAF | STATION NAME | YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

[illegible]	26	[illegible]	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7.7	9.1	[illegible]	14.4	14.6	15.5	16.7	17.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	9.3	11.0	[illegible]	[illegible]	17.	18.3	19.3	19.7	21.4	21.6	[illegible]	[illegible]	[illegible]	[illegible]	22.4
7.1	11.3	11.	13.2	[illegible]	17.2	[illegible]	19.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7.1	[illegible]	[illegible]	[illegible]	[illegible]	17.2	[illegible]	[illegible]	[illegible]	[illegible]	22.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7.1	[illegible]	[illegible]	13.4	17.2	17.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	13.4	17.2	17.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7.4	10.5	12.3	13.7	17.6	17.8	[illegible]	[illegible]	[illegible]	22.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	11.4	[illegible]	14.6	[illegible]	[illegible]	[illegible]	21.3	21.6	[illegible]	[illegible]	[illegible]	24.4	24.4	[illegible]	[illegible]
[illegible]	11.5	14.2	15.6	[illegible]	17.7	21.8	[illegible]	[illegible]	25.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	14.1	[illegible]	17.4	[illegible]	21.4	23.7	[illegible]	[illegible]	27.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11.1	14.3	15.5	[illegible]	[illegible]	[illegible]	24.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	22.3	[illegible]	[illegible]	26.4	26.7	26.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22.7	25.1	26.5	[illegible]	28.8	[illegible]	[illegible]	[illegible]	29.7	[illegible]	[illegible]
[illegible]	[illegible]	17.8	[illegible]	23.4	[illegible]	26.4	[illegible]	[illegible]	[illegible]	31.1	[illegible]	31.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	24.6	25.1	27.6	29.7	[illegible]	[illegible]	33.7	[illegible]	34.1	34.1	34.7	[illegible]
[illegible]	[illegible]	24.5	[illegible]	[illegible]	[illegible]	36.4	39.2	39.7	42.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.1	[illegible]	41.5	[illegible]	45.3	45.7	[illegible]	46.7	[illegible]	[illegible]	[illegible]
[illegible]	24.3	[illegible]	33.2	37.6	[illegible]	41.5	[illegible]	[illegible]	[illegible]	[illegible]	49.4	[illegible]	49.6	[illegible]	[illegible]
[illegible]	25.1	29.7	34.5	39.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	31.1	[illegible]	[illegible]	42.7	[illegible]	[illegible]	51.1	[illegible]	[illegible]	[illegible]	[illegible]	55.4	56.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	51.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.1	66.6	[illegible]	[illegible]
[illegible]	34.3	41.1	[illegible]	55.9	57.6	[illegible]	[illegible]	67.1	[illegible]	71.4	72.4	72.9	73.6	[illegible]	[illegible]
[illegible]	[illegible]	42.2	[illegible]	59.7	[illegible]	64.1	[illegible]	[illegible]	73.3	[illegible]	[illegible]	75.2	[illegible]	[illegible]	77.7
[illegible]	[illegible]	[illegible]	54.0	[illegible]	61.2	66.3	[illegible]	[illegible]	75.1	76.6	77.7	[illegible]	[illegible]	[illegible]	[illegible]
25.7	35.4	[illegible]	[illegible]	[illegible]	[illegible]	67.1	72.1	73.1	78.	79.7	[illegible]	[illegible]	[illegible]	[illegible]	83.1
[illegible]	36.7	[illegible]	55.9	[illegible]	63.1	[illegible]	[illegible]	74.3	79.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27.1	[illegible]	44.5	55.1	[illegible]	63.3	69.4	[illegible]	75.7	[illegible]	82.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27.1	36.9	44.5	55.6	62.7	63.8	69.9	74.7	77.	83.3	84.7	[illegible]	[illegible]	91.	[illegible]	[illegible]
27.1	36.9	44.5	55.6	62.7	63.8	69.9	74.7	77.	83.3	[illegible]	[illegible]	[illegible]	[illegible]	93.	[illegible]
27.1	36.9	44.5	55.6	62.9	[illegible]	69.1	74.9	[illegible]	83.5	85.1	88.	[illegible]	[illegible]	[illegible]	[illegible]
27.1	36.9	44.5	56.6	62.9	64.	69.1	74.9	[illegible]	83.5	85.1	88.	[illegible]	[illegible]	[illegible]	[illegible]
27.1	36.9	44.5	56.6	62.9	64.	69.1	74.9	[illegible]	83.5	[illegible]	88.	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC 0-14-5 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] NORTHEIM AAF [illegible] 73-[illegible]

STATION STATION NAME YEAR DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)

	30	26	24	22	20	18	16	14	12	10	8	6	4	2	0
[illegible]	[illegible]	5.9	10.7	14.5	16.3	17.1	17.2	21.0	21.7	22.0	22.5	22.7	22.8	22.8	[illegible]
[illegible]	[illegible]	12.7	17.5	17.5	20.6	22.6	22.5	24.6	24.7	25.4	26.4	26.4	26.4	26.4	[illegible]
[illegible]	[illegible]	12.7	15.7	15.0	[illegible]	21.7	22.2	25.2	25.4	27.0	27.0	27.0	27.0	27.0	[illegible]
[illegible]	[illegible]	[illegible]	15.7	15.0	[illegible]	21.2	23.2	25.6	25.4	27.0	27.0	27.0	27.0	27.0	[illegible]
[illegible]	[illegible]	13.3	15.1	18.7	21.4	21.4	23.6	25.6	25.[illegible]	27.4	27.4	27.4	27.4	27.4	[illegible]
[illegible]	[illegible]	13.3	15.1	18.7	21.4	21.4	23.6	25.6	25.[illegible]	27.4	27.4	27.4	27.4	27.4	[illegible]
[illegible]	[illegible]	13.7	16.5	19.[illegible]	21.8	22.3	24.[illegible]	25.[illegible]	26.[illegible]	27.8	27.8	27.8	27.8	27.8	[illegible]
[illegible]	[illegible]	14.3	17.1	19.6	21.4	22.4	24.6	26.6	26.[illegible]	28.4	28.4	28.4	28.4	28.4	[illegible]
[illegible]	[illegible]	16.1	19.[illegible]	21.4	23.2	24.2	27.6	29.6	29.[illegible]	31.7	31.7	31.[illegible]	31.7	31.[illegible]	[illegible]
[illegible]	13.6	17.7	2[illegible]	27.4	28.2	28.6	30.5	31.[illegible]	32.1	33.7	33.7	33.7	33.7	33.7	[illegible]
[illegible]	13.7	16.1	21.[illegible]	27.0	27.4	28.4	30.2	32.3	32.[illegible]	34.1	34.1	34.1	34.1	34.1	[illegible]
[illegible]	13.7	16.1	21.[illegible]	27.0	27.4	28.4	30.2	32.3	32.[illegible]	34.1	34.1	34.1	34.1	34.[illegible]	[illegible]
[illegible]	13.7	17.3	21.2	27.0	28.6	28.6	30.4	32.5	32.7	34.3	34.3	34.3	34.7	34.3	[illegible]
[illegible]	[illegible]	[illegible]	21.2	25.0	28.4	29.4	33.1	35.5	35.5	37.5	37.5	37.5	37.5	37.5	[illegible]
[illegible]	[illegible]	21.7	27.[illegible]	28.6	31.2	32.1	36.2	38.5	39.1	41.9	41.9	41.5	41.5	41.5	[illegible]
[illegible]	[illegible]	20.2	30.2	34.3	36.7	37.7	41.9	44.5	45.4	47.8	47.8	47.8	47.4	45.5	[illegible]
[illegible]	21.4	27.6	30.1	35.6	38.9	39.9	44.3	47.[illegible]	47.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	34.7	37.7	41.1	43.1	47.6	50.6	51.4	53.6	53.9	53.9	54.4	54.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	37.1	4[illegible].7	43.9	44.3	49.4	52.3	53.7	55.6	55.6	55.6	55.2	55.3	[illegible]
[illegible]	[illegible]	32.6	34.1	45.4	49.2	50.2	55.2	59.5	59.6	61.7	61.9	61.9	62.7	63.1	[illegible]
[illegible]	[illegible]	35.1	43.1	53.3	57.7	60.3	63.9	67.9	68.9	71.6	71.6	71.6	73.[illegible]	73.8	[illegible]
[illegible]	[illegible]	36.3	44.9	56.7	61.1	62.3	67.7	72.3	73.[illegible]	75.8	75.8	75.6	77.2	76.[illegible]	[illegible]
[illegible]	37.9	47.7	59.3	62.7	64.2	69.8	74.2	75.2	75.3	78.[illegible]	78.[illegible]	78.4	80.4	[illegible]	[illegible]
[illegible]	39.3	49.[illegible]	61.3	64.7	66.3	72.4	76.3	77.6	82.6	80.6	80.6	80.1	83.1	87.1	[illegible]
[illegible]	40.5	49.4	61.7	67.1	68.7	74.8	79.2	8[illegible]	83.3	83.7	84.1	85.5	86.5	86.[illegible]	[illegible]
[illegible]	41.1	50.4	63.6	61.8	73.4	76.6	81.[illegible]	82.1	85.7	85.7	86.5	87.9	89.1	89.1	[illegible]
[illegible]	41.7	51.[illegible]	64.1	68.4	71.2	77.2	81.5	82.7	86.9	87.7	89.3	[illegible]	92.1	92.1	[illegible]
[illegible]	41.7	51.[illegible]	64.1	67.8	71.4	77.3	82.1	83.[illegible]	86.1	88.9	91.5	92.3	94.[illegible]	94.[illegible]	[illegible]
[illegible]	41.7	51.[illegible]	64.1	67.8	71.4	77.8	82.1	83.5	86.3	89.7	91.7	93.5	[illegible]	95.8	[illegible]
[illegible]	41.7	51.[illegible]	64.1	67.8	71.4	77.8	82.1	83.5	86.3	89.7	91.7	93.5	96.[illegible]	96.4	[illegible]
[illegible]	41.7	51.[illegible]	64.1	63.8	71.4	77.8	82.1	83.5	88.3	89.7	91.7	93.5	96.[illegible]	96.4	[illegible]
[illegible]	41.7	51.[illegible]	64.1	67.8	71.4	77.8	82.1	83.5	86.3	89.9	91.9	93.7	96.2	96.6	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WERTHEIM AAF [illegible] 73-[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	11.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.7	67.7	74.3	85.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	21.3	[illegible]	23.7	24.5	24.[illegible]	[illegible]	[illegible]	25.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	21.8	22.[illegible]	23.7	24.5	24.5	25.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	21.8	[illegible]	23.7	24.5	24.5	25.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	21.8	[illegible]	23.7	24.5	24.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	17.7	[illegible]	22.3	22.3	[illegible]	23.[illegible]	24.7	24.7	[illegible]	25.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	13.4	20.5	22.2	22.4	24.1	24.9	24.[illegible]	26.2	26.6	27.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	13.6	21.8	22.4	[illegible]	24.3	25.2	21.[illegible]	26.4	[illegible]	27.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	14.3	21.4	21.3	23.7	26.[illegible]	[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	11.7	15.5	22.3	21.2	25.6	28.7	[illegible]	31.2	32.1	32.5	33.5	34.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	11.7	15.5	22.7	25.4	26.[illegible]	28.7	[illegible]	32.4	32.3	32.7	33.[illegible]	34.2	[illegible]	[illegible]	[illegible]
[illegible]	11.7	15.5	22.[illegible]	25.4	26.3	28.9	[illegible]	32.4	32.3	32.7	33.[illegible]	34.2	35.[illegible]	[illegible]	[illegible]
[illegible]	11.7	15.5	22.9	25.4	26.[illegible]	28.9	[illegible]	31.4	32.3	32.7	33.[illegible]	34.2	35.2	[illegible]	[illegible]
[illegible]	12.4	16.4	23.7	26.2	26.8	[illegible]	31.4	31.7	32.5	34.[illegible]	[illegible]	[illegible]	36.7	[illegible]	[illegible]
[illegible]	13.2	[illegible]	25.6	28.3	[illegible]	32.5	34.4	34.[illegible]	36.5	36.[illegible]	37.[illegible]	[illegible]	38.[illegible]	[illegible]	[illegible]
[illegible]	17.6	23.[illegible]	31.[illegible]	34.7	34.9	38.4	41.3	41.[illegible]	42.1	45.5	46.[illegible]	47.4	48.5	[illegible]	[illegible]
[illegible]	19.9	24.7	33.3	35.5	37.3	42.1	43.[illegible]	45.[illegible]	49.7	52.[illegible]	52.2	53.5	54.7	[illegible]	[illegible]
21.3	21.[illegible]	27.4	35.4	37.2	42.3	45.3	46.2	48.1	53.[illegible]	53.3	55.6	56.8	[illegible]	[illegible]	[illegible]
21.7	21.8	28.4	36.7	42.5	41.5	46.5	49.3	51.7	54.7	55.1	57.[illegible]	58.5	61.[illegible]	[illegible]	[illegible]
21.5	21.3	28.6	37.4	42.7	42.4	49.3	52.2	53.1	57.7	58.5	6[illegible]	62.3	63.7	[illegible]	[illegible]
17.7	24.1	29.7	41.3	45.3	46.3	52.4	56.3	57.[illegible]	62.7	63.7	66.7	69.3	72.[illegible]	[illegible]	[illegible]
20.4	25.2	3[illegible]	43.6	47.8	48.8	55.6	[illegible]	61.[illegible]	67.5	63.[illegible]	71.9	73.[illegible]	75.5	[illegible]	[illegible]
17.7	26.8	31.7	44.2	4[illegible]	49.5	56.4	[illegible]	62.5	65.8	71.6	74.[illegible]	75.9	77.5	[illegible]	[illegible]
14.3	26.3	31.7	45.5	51.1	51.2	58.3	63.1	64.[illegible]	71.7	73.6	77.1	79.[illegible]	8[illegible]	[illegible]	[illegible]
14.3	25.6	32.7	47.2	51.6	52.5	59.7	64.6	66.7	73.5	75.9	79.7	81.5	83.2	[illegible]	[illegible]
14.3	26.8	32.5	47.4	51.8	52.8	5[illegible].2	65.2	67.1	74.9	76.7	8[illegible]	[illegible]	84.7	85.1	[illegible]
14.5	26.8	32.5	47.4	51.8	52.8	6[illegible].2	65.2	67.1	75.3	77.4	81.5	87.6	85.7	[illegible]	[illegible]
14.5	26.8	32.5	47.4	51.8	52.8	6[illegible].2	65.2	67.1	75.5	77.6	82.6	84.7	86.8	87.9	[illegible]
14.5	26.8	32.5	47.4	51.8	52.8	6[illegible].2	65.2	67.1	75.7	78.5	83.[illegible]	85.3	78.3	87.7	[illegible]
14.5	26.8	32.5	47.4	51.8	52.8	6[illegible].2	65.2	67.1	75.7	78.7	83.4	85.7	89.3	91.3	[illegible]
14.5	26.8	32.5	47.4	51.8	52.8	6[illegible].2	65.2	67.1	75.7	78.[illegible]	83.4	85.7	89.3	91.7	[illegible]
14.5	26.8	32.5	47.4	51.8	52.8	6[illegible].2	65.2	67.1	75.7	78.[illegible]	83.4	85.7	89.3	91.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
F TAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]	6.4	11.7	14.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.1	[illegible]	24.7	[illegible]
4.1	11.6	14.1	21.6	22.7	23.3	25.5	26.1	26.1	26.5	26.7	27.1	27.1	[illegible]	28.4	[illegible]
4.1	11.6	14.1	21.6	22.7	23.3	25.5	26.1	26.1	26.5	26.7	27.1	27.1	[illegible]	[illegible]	[illegible]
4.1	11.6	14.1	21.6	22.7	23.3	25.5	26.1	26.1	26.5	26.7	27.1	27.1	[illegible]	28.4	[illegible]
4.1	11.6	14.1	21.6	22.7	23.3	25.5	26.1	26.1	26.5	26.7	27.1	27.1	[illegible]	28.4	[illegible]
4.1	11.6	14.1	21.6	22.9	23.5	25.7	26.3	26.3	26.7	26.9	27.3	27.3	[illegible]	[illegible]	[illegible]
4.1	11.6	14.1	21.6	22.9	23.5	25.9	26.5	26.5	26.9	27.1	27.5	27.5	[illegible]	[illegible]	[illegible]
4.1	11.6	14.1	21.6	23.3	23.7	26.3	[illegible]	[illegible]	27.3	27.5	27.9	[illegible]	[illegible]	[illegible]	[illegible]
4.1	11.6	15.3	22.9	24.5	25.1	27.6	28.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.4	[illegible]	[illegible]
4.7	11.9	17.1	25.3	26.9	27.5	31.8	32.4	[illegible]	32.7	[illegible]	34.1	[illegible]	[illegible]	[illegible]	[illegible]
5.3	13.9	15.7	26.5	[illegible]	28.6	[illegible]	33.3	[illegible]	34.1	34.7	35.7	[illegible]	[illegible]	37.6	[illegible]
5.3	13.9	15.7	26.5	[illegible]	28.6	[illegible]	33.3	[illegible]	34.1	34.7	[illegible]	36.1	37.6	37.9	[illegible]
5.5	14.1	15.4	26.9	29.4	[illegible]	32.4	33.7	[illegible]	34.5	35.3	35.9	35.7	[illegible]	[illegible]	[illegible]
5.5	14.1	17.4	27.3	28.8	29.4	33.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42.1	42.2	[illegible]
[illegible]	15.7	[illegible]	29.4	31.2	[illegible]	35.5	37.5	37.9	38.6	39.4	[illegible]	[illegible]	42.7	[illegible]	[illegible]
[illegible]	[illegible]	24.3	33.7	[illegible]	[illegible]	[illegible]	43.1	43.5	44.5	45.3	[illegible]	46.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.5	37.5	[illegible]	[illegible]	45.3	47.6	[illegible]	[illegible]	51.7	52.4	[illegible]	[illegible]	55.7	[illegible]
[illegible]	25.1	[illegible]	[illegible]	43.9	[illegible]	49.4	[illegible]	52.7	54.5	55.5	57.1	57.3	[illegible]	[illegible]	[illegible]
12.7	25.9	31.4	41.6	44.9	45.5	[illegible]	53.3	[illegible]	56.3	57.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	27.5	[illegible]	44.7	[illegible]	46.5	54.3	57.5	59.4	[illegible]	61.6	[illegible]	63.5	66.3	66.7	[illegible]
14.9	27.4	[illegible]	44.4	52.2	52.7	55.5	[illegible]	[illegible]	66.1	67.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14.1	[illegible]	37.6	[illegible]	[illegible]	54.5	[illegible]	64.5	[illegible]	69.4	[illegible]	[illegible]	73.5	77.1	77.5	[illegible]
[illegible]	31.5	[illegible]	51.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	52.5	[illegible]	57.3	64.5	[illegible]	[illegible]	73.9	[illegible]	[illegible]	[illegible]	82.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	52.5	[illegible]	57.5	[illegible]	68.6	[illegible]	74.9	76.5	[illegible]	[illegible]	83.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	57.3	57.8	[illegible]	[illegible]	[illegible]	75.9	77.6	[illegible]	[illegible]	84.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	53.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.1	79.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	53.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.3	79.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	53.3	[illegible]	58.6	[illegible]	[illegible]	[illegible]	77.3	79.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	53.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.3	79.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	53.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	53.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

WERTHEIM AAF GL — 75-81
STATION NAME — YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]	15.2	14.4	[illegible]	[illegible]	21.0	23.3	24.1	24.7	24.7	24.7	24.7	24.7	24.7	[illegible]	[illegible]
[illegible]	15.1	15.1	22.6	24.9	25.9	27.6	28.4	28.6	29.0	29.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.3	18.7	22.0	25.3	26.3	28.0	28.6	29.0	29.4	29.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.3	18.3	23.0	27.3	26.3	28.0	28.6	29.0	29.4	29.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.5	17.5	27.2	[illegible]	26.5	28.2	29.0	29.0	29.0	29.6	30.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	16.7	19.7	23.3	26.7	26.7	28.4	29.2	29.4	29.3	29.5	30.5	30.7	[illegible]	[illegible]	[illegible]
15.9	15.9	19.1	23.7	27.1	27.0	28.8	29.6	29.8	30.0	30.0	30.6	31.1	31.1	31.1	31.1
15.2	17.3	19.5	24.1	26.7	27.6	29.4	31.2	31.4	31.7	31.7	31.5	31.7	31.7	31.7	[illegible]
15.5	17.1	21.1	26.0	30.0	30.9	32.9	33.7	33.9	34.2	34.0	35.	35.2	35.4	35.4	[illegible]
14.0	20.3	23.5	28.6	32.3	33.5	35.8	36.6	37.0	37.7	37.7	38.5	38.7	38.7	[illegible]	[illegible]
14.2	21.5	24.3	29.6	33.1	34.2	36.6	37.5	37.7	38.5	38.0	39.3	39.5	39.7	39.7	[illegible]
14.2	21.5	24.7	29.6	33.1	34.2	36.5	37.5	37.7	38.5	38.5	39.3	39.5	39.7	39.7	[illegible]
15.2	21.5	24.3	29.6	33.1	34.2	36.0	37.5	37.7	38.5	38.5	39.3	39.5	39.7	39.7	39.7
14.4	22.6	25.7	31.1	34.9	36.0	38.3	39.3	39.5	40.3	40.2	41.1	41.2	41.4	41.4	41.4
[illegible]	24.5	27.7	33.3	37.2	35.5	[illegible]	41.5	42.0	42.0	43.0	43.5	44.0	44.0	44.0	44.
[illegible]	32.3	35.2	41.6	45.3	47.7	50.0	51.	51.7	52.3	52.7	54.1	54.3	54.	54.0	54.
[illegible]	35.0	38.5	45.7	50.5	52.3	54.7	55.6	55.9	57.	57.4	55.5	58.9	59.0	59.	59.
23.5	39.1	42.0	50.0	51.0	57.8	59.7	61.9	62.1	63.2	63.6	65.0	65.2	65.1	65.0	[illegible]
23.7	40.0	47.4	51.0	[illegible]	59.7	62.9	64.0	64.7	65.4	66.7	67.3	67.5	68.1	68.1	[illegible]
24.9	41.8	47.3	54.7	61.1	62.5	66.3	67.7	67.0	69.1	69.5	71.6	71.9	72.4	72.4	72.4
24.3	45.5	[illegible]	59.0	60.0	67.5	71.8	73.0	73.0	75.5	76.5	73.4	[illegible]	79.4	79.4	[illegible]
26.5	46.3	[illegible]	60.5	66.0	68.5	73.0	74.7	74.9	75.9	77.9	80.0	80.4	81.0	81.0	[illegible]
27.1	46.9	50.4	61.7	68.9	69.6	74.1	76.3	76.0	78.4	79.4	81.5	81.9	82.9	82.9	[illegible]
27.2	47.3	50.0	62.3	67.3	71.0	75.9	78.2	79.4	81.0	82.5	84.5	85.2	85.4	85.4	[illegible]
27.2	47.3	50.5	62.3	66.6	71.5	76.9	79.2	79.5	80.7	84.	86.4	85.9	87.9	87.9	[illegible]
27.2	47.3	50.5	62.5	67.8	71.5	77.2	80.0	80.0	83.9	84.6	88.3	88.9	[illegible]	[illegible]	[illegible]
27.2	47.3	50.5	62.5	67.9	71.5	77.2	80.2	80.0	84.2	86.0	89.1	89.7	91.0	91.0	[illegible]
27.2	47.3	50.8	62.5	70.0	72.0	77.6	80.7	81.6	86.0	88.3	91.3	93.0	95.7	96.1	[illegible]
27.2	47.3	50.5	62.5	70.0	72.0	77.6	80.7	81.6	86.	88.7	92.0	94.0	97.1	97.7	[illegible]
27.2	47.3	50.3	62.5	70.0	72.0	77.6	80.7	81.0	86.	88.0	92.0	94.0	97.1	97.7	[illegible]
27.2	47.3	50.5	62.5	70.0	72.0	77.5	80.7	81.5	86.0	88.7	92.0	94.	97.1	97.91	[illegible]
27.2	47.3	50.8	62.5	70.0	72.0	77.6	80.7	81.0	86.0	88.3	92.5	94.0	97.1	97.91	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]FETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]07 WERTHEI[illegible] AAF [illegible]
STATION STATION NAME

[illegible] YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

VISIBILITY (STATUTE MILES)

[illegible]	[illegible]	16.5	17.7	22.9	27.7	24.0	24.3	[illegible]	25.4	25.4	25.6	25.5	27.6	[illegible]	[illegible]	[illegible]
[illegible]	1[illegible].1	21.2	23.1	27.1	[illegible]	[illegible]	31.0	32.1	32.1	32.3	[illegible]	32.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1[illegible].1	21.2	27.5	[illegible]	31.6	32.7	33.7	33.6	34.[illegible]	34.2	34.5	34.[illegible]	34.6	34.[illegible]	34.[illegible]	34.[illegible]
[illegible]	[illegible].1	21.2	23.5	28.4	31.6	32.7	33.3	33.0	34.	34.[illegible]	34.5	34.[illegible]	34.5	34.[illegible]	34.[illegible]	34.[illegible]
[illegible]	[illegible].1	21.2	27.5	2[illegible].4	31.8	32.7	33.7	33.6	34.	34.[illegible]	34.5	34.5	34.6	34.[illegible]	34.[illegible]	34.[illegible]
[illegible]	[illegible].1	2[illegible].4	27.[illegible]	28.[illegible]	3[illegible].3	33.1	34.4	34.5	35.[illegible]	35.3	35.7	35.7	35.7	35.7	3[illegible].7	3[illegible].[illegible]
[illegible]	15.9	21.3	24.4	29.3	32.[illegible]	33.8	35.[illegible]	35.5	35.7	35.7	36.7	36.3	36.3	36.7	3[illegible].[illegible]	3[illegible].[illegible]
[illegible]	16.7	2[illegible].1	24.6	29.5	33.1	34.[illegible]	35.3	35.7	35.[illegible]	35.9	36.[illegible]	36.5	36.5	36.[illegible]	36.[illegible]	36.[illegible]
[illegible]	16.[illegible]	[illegible].5	2[illegible].5	32.3	3[illegible].[illegible]	36.0	39.	39.5	3[illegible].7	39.7	39.[illegible]	39.5	39.5	39.[illegible]	39.[illegible]	[illegible]
[illegible]	17.1	24.6	28.2	33.6	37.8	38.9	40.2	40.6	40.[illegible]	4[illegible].[illegible]	41.[illegible]	41.7	41.7	41.7	41.[illegible]	41.[illegible]
[illegible]	17.3	24.6	2[illegible].[illegible]	34.[illegible]	3[illegible].[illegible]	3[illegible].1	40.4	40.5	41.[illegible]	41.[illegible]	41.7	41.7	41.7	41.[illegible]	41.[illegible]	[illegible]
[illegible]	17.1	25.1	29.4	34.2	3[illegible].2	39.3	40.5	41.[illegible]	4[illegible].[illegible]	41.2	41.[illegible]	42.1	42.1	42.1	42.1	4[illegible].[illegible]
[illegible]	17.[illegible]	2[illegible].4	2[illegible].8	34.6	3[illegible].7	39.7	41.[illegible]	41.5	41.7	41.7	42.7	42.5	42.5	4[illegible].[illegible]	4[illegible].[illegible]	4[illegible].[illegible]
[illegible]	[illegible].1	27.1	31.1	37.4	41.5	4[illegible].[illegible]	43.[illegible]	44.2	44.4	44.4	45.3	45.7	45.7	45.7	45.7	45.[illegible]
[illegible]	[illegible]1.4	3[illegible].[illegible]	34.[illegible]	41.[illegible]	4[illegible].3	4[illegible].[illegible]	47.[illegible]	46.3	4[illegible].[illegible]	46.7	49.6	5[illegible].	[illegible]	5[illegible].[illegible]	[illegible]	[illegible]
[illegible]	[illegible].4	3[illegible].4	42.7	5[illegible].2	54.7	56.2	57.7	58.3	[illegible]	[illegible]	59.[illegible]	62.7	62.7	62.7	62.7	[illegible]
[illegible]	27.3	41.2	4[illegible].[illegible]	53.4	59.[illegible]	6[illegible].[illegible]	62.	62.6	63.	[illegible]	64.[illegible]	6[illegible].[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]
[illegible]	[illegible].1	44.2	4[illegible].[illegible]	55.4	62.6	64.3	65.8	66.5	66.[illegible]	67.1	68.4	6[illegible].4	69.7	7[illegible].1	7[illegible].1	7[illegible].[illegible]
[illegible]	[illegible].7	45.3	5[illegible].[illegible]	5[illegible].3	64.7	66.2	69.2	65.8	6[illegible].[illegible]	69.4	7[illegible].[illegible]	72.2	72.4	72.[illegible]	72.[illegible]	7[illegible].[illegible]
[illegible]	[illegible].3	47.4	52.4	[illegible].7	67.3	68.0	71.2	72.[illegible]	[illegible].4	72.[illegible]	74.4	75.5	75.9	76.2	75.[illegible]	7[illegible].[illegible]
[illegible]	51.2	4[illegible].5	54.7	64.5	71.4	72.9	75.9	76.9	77.4	7[illegible].2	79.7	81.[illegible]	[illegible]1.2	81.6	[illegible]1.5	[illegible]1.[illegible]
[illegible]	[illegible]2.5	51.3	5[illegible].[illegible]	67.9	74.8	76.3	79.[illegible]	[illegible].3	81.[illegible]	82.3	83.[illegible]	85.3	85.7	86.5	8[illegible].[illegible]	86.[illegible]
[illegible]	[illegible]2.5	51.3	5[illegible].[illegible]	67.9	7[illegible].2	76.7	8[illegible].1	[illegible]1.2	81.[illegible]	83.3	84.5	85.3	85.6	87.5	[illegible]7.5	[illegible]7.
[illegible]	32.7	51.5	57.1	6[illegible].6	7[illegible].[illegible]	77.4	81.2	82.3	83.1	84.8	86.3	87.[illegible]	8[illegible].2	89.1	89.1	89.1
[illegible]	32.7	51.7	57.5	69.[illegible]	75.3	7[illegible].[illegible]	82.7	83.6	84.[illegible]	86.5	8[illegible].[illegible]	9[illegible].[illegible]	9[illegible].4	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]
[illegible]	32.7	5[illegible].7	57.5	69.[illegible]	75.3	7[illegible].[illegible]	82.9	84.[illegible]	85.7	87.6	89.7	91.5	91.[illegible]	9[illegible].7	[illegible].7	[illegible].7
[illegible]	32.7	51.7	57.5	6[illegible].[illegible]	7[illegible].3	7[illegible].[illegible]	82.9	84.4	85.5	87.6	9[illegible].[illegible]	91.7	92.1	9[illegible].4	[illegible]7.6	[illegible]
[illegible]	32.7	51.7	57.5	69.[illegible]	7[illegible].5	7[illegible].[illegible]	83.1	84.6	85.7	9[illegible].[illegible]	92.5	94.7	95.5	96.[illegible]	97.[illegible]	97.[illegible]
[illegible]	32.7	51.7	57.5	69.2	7[illegible].5	7[illegible].2	83.1	84.6	85.7	9[illegible].[illegible]	92.5	94.5	95.7	97.4	97.[illegible]	[illegible]
[illegible]	32.7	51.7	57.5	69.2	7[illegible].5	78.2	83.1	84.6	85.7	9[illegible].[illegible]	92.5	94.[illegible]	95.7	97.4	97.[illegible]	[illegible]
[illegible]	32.7	51.7	57.5	69.2	76.5	7[illegible].2	83.1	84.5	85.7	[illegible]	92.5	94.[illegible]	95.7	97.4	[illegible]7.[illegible]	[illegible]
[illegible]	32.7	5[illegible].7	57.5	69.2	75.5	78.2	83.1	84.6	85.7	9[illegible].[illegible]	92.5	94.[illegible]	9[illegible].[illegible]	97.4	97.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]AL CLIMATOLOGY BRANCH
[illegible]FETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible] AAF [illegible] STATION NAME [illegible] YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

VISIBILITY STATUTE MILES

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	24.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	16.1	21.4	25.3	[illegible]	[illegible]	[illegible]	[illegible]	31.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	21.4	25.3	[illegible]	[illegible]	[illegible]	[illegible]	31.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	16.1	21.4	25.3	[illegible]	[illegible]	[illegible]	[illegible]	31.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	22.1	[illegible]	27.6	27.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	17.8	23.3	27.4	[illegible]	[illegible]	[illegible]	32.7	[illegible]	34.5	[illegible]	[illegible]	37.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	24.2	[illegible]	[illegible]	[illegible]	33.6	34.5	[illegible]	35.4	[illegible]	[illegible]	37.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	26.1	31.4	33.5	[illegible]	37.5	38.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	11.7	21.6	25.6	34.5	36.6	36.7	[illegible]	[illegible]	43.7	44.5	[illegible]	45.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	21.6	[illegible]	34.5	[illegible]	[illegible]	41.2	[illegible]	[illegible]	45.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	22.1	29.2	35.4	37.5	37.8	[illegible]	43.6	44.7	[illegible]	46.3	[illegible]	47.7	[illegible]	[illegible]	[illegible]
[illegible]	12.4	22.3	29.3	35.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.1	[illegible]	[illegible]	47.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	31.4	[illegible]	[illegible]	[illegible]	[illegible]	46.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	14.1	25.4	33.4	[illegible]	43.3	43.5	49.1	[illegible]	[illegible]	53.5	[illegible]	54.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	45.9	[illegible]	[illegible]	56.7	59.1	[illegible]	[illegible]	63.1	[illegible]	64.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	37.5	46.6	[illegible]	51.4	[illegible]	61.1	62.7	65.7	66.1	67.1	[illegible]	67.5	69.5	[illegible]
[illegible]	15.7	29.2	[illegible]	45.3	[illegible]	[illegible]	61.1	[illegible]	[illegible]	[illegible]	69.4	[illegible]	71.4	72.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.5	65.7	[illegible]	[illegible]	[illegible]	72.1	[illegible]	74.7	75.4	[illegible]
[illegible]	16.1	[illegible]	[illegible]	[illegible]	[illegible]	56.5	64.3	67.5	69.1	72.3	73.1	[illegible]	75.1	[illegible]	77.6	[illegible]
[illegible]	[illegible]	[illegible]	44.5	[illegible]	61.3	[illegible]	72.1	73.7	75.4	77.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	46.3	59.1	[illegible]	64.5	72.8	76.7	78.4	82.7	83.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	35.3	[illegible]	[illegible]	64.5	65.7	[illegible]	77.7	[illegible]	[illegible]	[illegible]	86.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	35.9	47.3	[illegible]	[illegible]	66.3	74.4	78.3	[illegible]	84.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	21.3	36.2	[illegible]	[illegible]	[illegible]	67.7	[illegible]	79.9	81.6	86.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.7	[illegible]	[illegible]	[illegible]	86.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	21.4	36.4	[illegible]	61.7	66.5	[illegible]	76.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	21.4	36.6	48.4	61.6	67.1	68.2	76.5	[illegible]	82.7	87.5	[illegible]	[illegible]	[illegible]	94.3	[illegible]	[illegible]
[illegible]	21.4	36.6	[illegible]	[illegible]	[illegible]	68.2	76.5	[illegible]	[illegible]	87.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	21.4	36.5	[illegible]	61.6	[illegible]	[illegible]	76.5	[illegible]	[illegible]	87.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	36.5	[illegible]	61.6	[illegible]	[illegible]	76.5	[illegible]	[illegible]	87.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	21.4	[illegible]	[illegible]	61.6	[illegible]	[illegible]	76.5	[illegible]	82.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SE /MAC

CEILING VERSUS VISIBILITY

[illegible] AAF [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	14.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	24.7	27.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	17.3	[illegible]	25.4	[illegible]	29.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	21.4	25.6	29.8	[illegible]	31.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	21.4	25.6	29.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	17.5	21.4	25.6	[illegible]	[illegible]	31.3	32.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.5	[illegible]	22.4	26.9	[illegible]	[illegible]	32.7	33.5	[illegible]	33.7	33.7	34.	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	17.5	23.4	[illegible]	33.5	34.	34.	34.5	[illegible]	[illegible]	[illegible]	35.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.5	27.4	31.5	[illegible]	35.7	38.4	39.2	[illegible]	39.4	39.4	39.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.2	29.1	35.5	[illegible]	40.1	[illegible]	[illegible]	[illegible]	44.6	[illegible]	45.1	45.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	37.2	[illegible]	[illegible]	[illegible]	46.1	46.7	46.5	[illegible]	47.2	47.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	37.7	41.4	42.4	45.5	46.6	[illegible]	47.5	47.5	[illegible]	48.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.3	[illegible]	39.2	[illegible]	44.1	47.6	48.8	[illegible]	50.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	34.	41.4	[illegible]	[illegible]	51.7	52.4	[illegible]	[illegible]	[illegible]	54.1	[illegible]	55.7	[illegible]	[illegible]
[illegible]	[illegible]	34.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.1	62.7	64.	64.1	[illegible]	65.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.4	55.7	[illegible]	63.5	64.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	37.7	43.4	53.2	57.7	59.5	[illegible]	[illegible]	[illegible]	71.	[illegible]	[illegible]	[illegible]	74.4	74.4	[illegible]
[illegible]	[illegible]	35.6	44.4	54.2	58.8	[illegible]	[illegible]	[illegible]	[illegible]	72.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	58.1	[illegible]	[illegible]	[illegible]	71.	71.4	74.2	75.1	76.1	77.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	43.3	[illegible]	[illegible]	66.3	67.8	[illegible]	77.4	[illegible]	81.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	51.7	[illegible]	[illegible]	72.2	[illegible]	80.3	81.1	84.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	51.7	63.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.5	[illegible]	88.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	45.1	52.7	64.1	[illegible]	72.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.4	91.	[illegible]	[illegible]
[illegible]	[illegible]	45.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.2	84.7	85.2	89.4	91.2	[illegible]	93.	93.	[illegible]
[illegible]	[illegible]	45.6	53.7	64.8	71.9	72.9	[illegible]	83.2	84.7	85.2	89.4	91.2	93.7	[illegible]	94.1	[illegible]
[illegible]	27.3	47.1	53.7	65.3	71.4	73.6	81.6	[illegible]	[illegible]	89.1	[illegible]	92.3	94.3	[illegible]	[illegible]	[illegible]
[illegible]	27.3	47.1	53.7	65.3	71.4	73.6	81.6	84.3	85.5	89.4	[illegible]	[illegible]	94.4	96.1	96.3	[illegible]
[illegible]	27.3	47.1	53.7	65.3	71.4	73.6	81.6	84.5	[illegible]	89.9	91.5	93.4	95.5	[illegible]	[illegible]	97.1
[illegible]	27.3	47.1	53.7	65.3	71.4	73.6	81.6	84.5	[illegible]	89.9	91.5	93.4	95.6	97.	[illegible]	[illegible]
[illegible]	27.3	47.1	53.7	65.3	71.4	73.6	81.6	84.5	[illegible]	89.9	91.5	93.4	95.5	97.	97.1	[illegible]
[illegible]	27.3	47.1	53.7	65.3	71.4	73.6	81.6	84.5	[illegible]	89.9	91.5	93.4	95.6	97.	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

AAF OL STATION NAME

73- YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

STATUTE MILES

[illegible]	[illegible]	[illegible]	[illegible]	23.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.7	34.7	34.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.2	34.7	34.7	34.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	31.5	34.	34.2	34.7	34.7	34.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.5	34.7	35.2	35.2	[illegible]	[illegible]	35.4	35.4	35.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.5	[illegible]	[illegible]	36.7	36.7	36.7	36.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.4	[illegible]	34.2	37.2	37.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.1	[illegible]	[illegible]	[illegible]	39.7	39.7	39.7	39.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.3	[illegible]	45.6	[illegible]	[illegible]	46.1	46.1	46.1	46.1	46.2	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	41.2	44.5	45.5	46.1	46.5	[illegible]	46.6	46.6	46.6	46.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	42.3	[illegible]	[illegible]	47.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.7	[illegible]	47.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	45.6	[illegible]	[illegible]	[illegible]	51.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	47.5	51.7	52.4	[illegible]	[illegible]	[illegible]	54.2	[illegible]	54.4	54.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.3	[illegible]	66.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	63.6	[illegible]	[illegible]	72.7	[illegible]	[illegible]	[illegible]	75.1	75.3	75.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	67.2	[illegible]	74.2	76.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.6	[illegible]	[illegible]	[illegible]	86.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	75.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.4	91.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	75.6	[illegible]	[illegible]	[illegible]	89.4	[illegible]	91.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	77.6	[illegible]	[illegible]	[illegible]	[illegible]	92.7	[illegible]	94.1	94.4	94.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	67.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	67.3	[illegible]	[illegible]	[illegible]	91.2	[illegible]	[illegible]	95.5	96.1	[illegible]	[illegible]	[illegible]	97.3	[illegible]
[illegible]	[illegible]	61.1	67.3	[illegible]	[illegible]	87.5	91.4	[illegible]	94.4	96.1	[illegible]	97.5	97.5	98.	98.	98.
[illegible]	[illegible]	61.1	67.3	[illegible]	[illegible]	[illegible]	[illegible]	94.4	[illegible]	[illegible]	[illegible]	[illegible]	98.3	[illegible]	[illegible]	99.
[illegible]	[illegible]	61.1	[illegible]	[illegible]	[illegible]	[illegible]	91.9	94.4	[illegible]	97.	97.6	98.5	[illegible]	99.7	[illegible]	[illegible]
[illegible]	[illegible]	61.1	[illegible]	[illegible]	[illegible]	[illegible]	91.9	94.4	[illegible]	97.	97.6	98.5	[illegible]	99.7	99.7	[illegible]
[illegible]	[illegible]	61.1	[illegible]	[illegible]	[illegible]	[illegible]	91.9	94.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	99.7	[illegible]
[illegible]	[illegible]	61.1	[illegible]	[illegible]	[illegible]	[illegible]	91.9	94.4	[illegible]	[illegible]	[illegible]	98.5	[illegible]	99.7	99.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible] AAF [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	26	[illegible]	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	34.1	37.3	37.6	38.	[illegible]	38.7	38.7	[illegible]	39.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.1	35.1	[illegible]	[illegible]	35.9	39.7	39.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.1	35.1	[illegible]	37.7	35.9	[illegible]	39.7	39.7	40.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.9	[illegible]	40.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	37.7	[illegible]	37.3	[illegible]	[illegible]	[illegible]	42.1	42.1	42.1	42.4	[illegible]	42.4	42.4	42.4	42.4	[illegible]
[illegible]	[illegible]	37.5	39.5	42.4	42.9	43.	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.
[illegible]	[illegible]	[illegible]	41.	46.1	[illegible]	46.7	47.4	47.4	47.4	47.5	47.8	47.8	47.8	47.8	[illegible]	47.
[illegible]	[illegible]	45.	[illegible]	51.3	[illegible]	52.6	53.5	53.5	53.5	53.9	53.9	53.9	53.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	51.2	[illegible]	52.9	53.7	53.7	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1
[illegible]	47.1	45.4	46.	51.6	[illegible]	53.1	54.1	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4
[illegible]	47.7	46.3	47.	[illegible]	54.1	54.2	55.2	55.2	[illegible]	55.5	55.5	55.5	55.5	55.5	[illegible]	[illegible]
[illegible]	[illegible]	49.1	51.7	56.1	57.6	57.7	58.7	58.7	58.7	59.2	59.2	59.2	59.2	59.2	[illegible]	[illegible]
[illegible]	[illegible]	52.6	54.	[illegible]	[illegible]	[illegible]	63.3	63.5	63.5	[illegible]	[illegible]	[illegible]	[illegible]	64.	[illegible]	[illegible]
[illegible]	53.4	[illegible]	61.	69.4	[illegible]	73.	74.9	75.1	75.1	75.6	75.6	75.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.1	74.4	76.9	77.1	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7
[illegible]	[illegible]	62.7	66.6	74.7	[illegible]	79.7	82.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	66.	69.7	78.2	[illegible]	[illegible]	[illegible]	85.2	[illegible]	86.7	86.7	86.7	86.7	86.7	[illegible]	[illegible]
[illegible]	[illegible]	67.9	71.4	[illegible]	84.1	[illegible]	[illegible]	88.4	88.4	89.3	89.5	89.5	89.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	69.4	77.	[illegible]	[illegible]	[illegible]	91.9	92.1	[illegible]	[illegible]	93.7	93.7	93.7	93.7	93.7	[illegible]
[illegible]	[illegible]	[illegible]	74.4	[illegible]	[illegible]	[illegible]	93.7	93.9	94.5	95.4	95.6	95.6	95.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	74.7	84.7	89.5	91.3	94.1	94.3	95.	96.1	96.3	96.3	96.3	96.7	96.7	96.7
[illegible]	[illegible]	[illegible]	75.3	[illegible]	[illegible]	92.3	95.2	95.4	[illegible]	97.2	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	[illegible]	[illegible]	75.3	[illegible]	[illegible]	[illegible]	95.4	95.6	[illegible]	97.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	75.3	[illegible]	[illegible]	92.3	95.5	96.1	[illegible]	98.3	98.5	98.5	98.5	98.5	98.5	[illegible]
[illegible]	[illegible]	71.	75.3	[illegible]	[illegible]	92.3	95.5	96.1	97.	98.5	98.7	98.7	98.7	98.7	98.7	[illegible]
[illegible]	[illegible]	[illegible]	75.3	85.4	[illegible]	92.6	96.1	96.7	97.6	99.1	99.3	99.6	99.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	75.3	85.4	[illegible]	92.6	96.1	96.7	97.6	99.1	99.3	99.6	99.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	75.3	85.4	[illegible]	92.6	96.1	96.7	97.6	99.1	99.7	99.6	99.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	75.3	[illegible]	[illegible]	92.5	96.1	96.7	97.6	99.1	99.3	99.6	99.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	75.3	85.4	[illegible]	92.6	96.1	96.7	97.6	99.1	99.3	99.6	99.8	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] NORTHFIELD AAF [illegible]
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	24.4	[illegible]	[illegible]	35.7	[illegible]	[illegible]	[illegible]	[illegible]	41.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.3	44.5	44.7	[illegible]	47.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	37.0	[illegible]	[illegible]	43.5	44.4	44.4	47.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.5	44.4	44.4	47.	[illegible]	47.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	14.1	23.	[illegible]	37.2	[illegible]	[illegible]	43.7	44.6	44.6	47.2	47.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.	[illegible]	37.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.4	47.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.5	[illegible]	[illegible]	41.9	[illegible]	45.2	46.1	46.1	46.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.4	33.4	[illegible]	[illegible]	[illegible]	47.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	33.8	43.9	[illegible]	[illegible]	52.2	53.3	53.7	56.1	56.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	17.4	[illegible]	[illegible]	47.0	51.7	52.0	56.1	57.4	57.4	[illegible]	61.1	61.3	61.7	[illegible]	[illegible]	[illegible]
[illegible]	17.4	[illegible]	36.5	47.2	51.9	52.2	[illegible]	57.6	[illegible]	61.1	61.3	61.5	61.9	[illegible]	[illegible]	[illegible]
[illegible]	17.4	22.9	[illegible]	47.6	52.2	[illegible]	56.7	[illegible]	[illegible]	61.5	61.7	61.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	17.5	22.3	[illegible]	46.1	52.9	53.1	57.2	[illegible]	[illegible]	62.	62.2	62.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.	65.4	[illegible]	65.7	65.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	33.5	41.	53.3	[illegible]	56.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	35.6	44.6	53.7	59.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.9	76.1	76.5	77.	77.4	[illegible]
[illegible]	[illegible]	37.0	45.1	[illegible]	[illegible]	57.	[illegible]	74.4	74.4	[illegible]	78.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	33.7	47.3	62.6	[illegible]	[illegible]	74.6	[illegible]	[illegible]	[illegible]	[illegible]	81.3	81.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	33.9	[illegible]	63.1	[illegible]	[illegible]	[illegible]	77.2	[illegible]	80.9	81.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	22.2	[illegible]	[illegible]	[illegible]	71.3	71.7	77.2	[illegible]	[illegible]	83.3	[illegible]	84.1	84.4	85.2	85.4	87.
[illegible]	[illegible]	41.5	51.5	67.0	74.1	74.4	[illegible]	83.1	[illegible]	87.0	[illegible]	[illegible]	89.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	42.3	[illegible]	69.6	[illegible]	76.7	[illegible]	85.4	85.4	89.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	43.0	[illegible]	[illegible]	[illegible]	[illegible]	83.3	85.7	85.7	[illegible]	[illegible]	[illegible]	[illegible]	91.7	[illegible]	[illegible]
[illegible]	[illegible]	43.5	57.7	71.1	77.8	[illegible]	84.6	87.2	[illegible]	91.1	91.7	91.9	92.2	93.1	[illegible]	[illegible]
[illegible]	24.1	43.7	[illegible]	[illegible]	[illegible]	[illegible]	84.6	87.4	87.4	91.3	[illegible]	[illegible]	92.6	[illegible]	[illegible]	[illegible]
[illegible]	24.3	44.2	54.6	[illegible]	[illegible]	79.4	85.9	86.5	[illegible]	[illegible]	[illegible]	[illegible]	92.7	[illegible]	[illegible]	[illegible]
[illegible]	24.3	44.3	54.6	[illegible]	[illegible]	79.6	86.3	88.9	[illegible]	[illegible]	[illegible]	93.5	94.1	95.2	[illegible]	[illegible]
[illegible]	24.3	44.3	54.6	[illegible]	[illegible]	79.6	86.3	[illegible]	[illegible]	93.3	[illegible]	94.1	94.8	[illegible]	96.1	[illegible]
[illegible]	24.3	44.3	54.6	[illegible]	[illegible]	79.6	86.3	89.1	[illegible]	[illegible]	[illegible]	94.3	[illegible]	96.1	[illegible]	[illegible]
[illegible]	24.3	44.3	54.6	[illegible]	[illegible]	79.6	86.3	89.1	89.3	93.3	[illegible]	94.3	[illegible]	96.1	[illegible]	[illegible]
[illegible]	24.3	44.3	54.6	[illegible]	[illegible]	[illegible]	86.3	89.1	[illegible]	93.3	[illegible]	94.3	[illegible]	96.1	96.3	[illegible]
[illegible]	24.3	44.3	54.6	[illegible]	[illegible]	79.6	86.3	89.1	[illegible]	93.3	[illegible]	94.3	[illegible]	96.1	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]4

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

57 WERTHEIM AAF DL 73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	17.4	27.7	31.	37.8	40.1	40.3	41.5	41.9	42.1	42.3	42.7	42.7	42.7	42.7	[illegible]	[illegible]
[illegible]	19.9	30.9	35.7	41.9	44.4	44.6	46.1	46.5	46.7	46.9	47.1	47.1	47.1	47.4	47.6	47.6
[illegible]	19.9	30.9	35.7	41.9	44.4	44.6	46.	46.5	46.7	46.9	47.1	47.1	47.1	47.4	47.6	47.6
[illegible]	19.9	30.9	35.7	41.9	44.4	44.6	46.1	46.5	46.7	46.9	47.1	47.1	47.1	47.4	47.6	47.6
[illegible]	19.9	30.9	35.7	41.9	44.4	44.6	46.1	46.5	46.7	46.9	47.1	47.1	47.1	47.4	47.6	47.6
[illegible]	19.9	31.3	36.1	42.3	44.6	44.9	46.5	47.1	47.2	47.4	47.6	47.6	47.6	48.1	48.1	48.1
[illegible]	20.1	31.4	36.7	43.0	45.6	45.9	47.4	48.	48.1	48.3	48.5	48.5	48.5	48.9	49.1	49.1
[illegible]	20.9	32.3	36.9	43.7	46.7	46.9	48.5	49.4	49.2	49.4	49.6	49.6	49.6	49.9	50.1	50.1
[illegible]	21.3	34.5	40.7	46.9	50.1	50.3	52.0	52.6	52.9	53.0	53.5	53.5	53.5	53.9	54.	54.
[illegible]	23.1	36.9	42.7	49.9	53.5	53.6	55.6	56.7	57.2	57.5	57.7	57.7	57.7	58.1	58.1	58.1
[illegible]	24.5	38.0	43.3	51.0	54.7	55.1	57.	58.1	58.4	59.0	59.1	59.1	59.1	59.5	59.7	59.7
[illegible]	24.7	35.7	44.1	51.9	55.6	56.1	57.9	59.1	59.7	59.9	60.1	60.1	60.2	60.4	60.6	60.6
[illegible]	24.7	36.7	44.7	51.9	55.9	56.1	58.1	59.1	59.5	60.1	60.7	60.7	60.7	60.7	60.7	60.7
[illegible]	25.9	41.7	47.9	55.9	59.5	59.9	62.2	63.1	63.4	63.5	64.1	64.1	64.1	64.1	64.7	64.7
[illegible]	27.9	44.1	51.7	58.6	61.9	63.2	65.7	66.5	67.1	67.9	68.0	68.0	68.0	68.4	68.6	68.6
[illegible]	31.4	48.4	56.9	65.9	70.5	71.9	73.7	75.1	75.7	75.8	76.2	76.2	76.2	76.5	76.7	76.7
[illegible]	31.5	50.1	57.1	67.5	70.5	72.8	76.0	77.5	78.	78.7	78.5	78.9	78.9	79.0	79.4	79.4
[illegible]	32.3	53.1	61.1	70.7	75.6	76.9	80.1	81.9	82.7	83.1	83.2	83.3	83.3	83.7	83.9	83.9
[illegible]	32.7	53.5	61.	71.4	77.3	77.6	80.5	82.6	83.2	83.8	84.	84.	84.2	84.4	84.7	84.7
[illegible]	33.4	55.5	64.1	73.9	79.8	80.1	83.5	85.3	85.6	86.7	86.7	86.9	86.9	87.2	87.4	87.4
[illegible]	35.4	57.9	68.7	79.0	84.9	85.3	89.5	90.4	90.9	92.0	92.0	92.4	92.4	92.7	92.9	92.9
[illegible]	36.3	60.4	68.7	80.3	84.5	86.9	90.4	92.2	92.6	94.	94.1	94.5	94.5	94.8	95.0	95.0
[illegible]	36.3	60.6	69.1	80.6	85.9	87.2	90.6	92.5	93.0	94.3	94.5	94.6	94.9	95.2	95.4	95.4
[illegible]	37.7	61.5	71.2	82.1	87.5	88.6	92.5	94.3	94.7	96.1	96.3	96.6	96.8	97.2	97.2	97.2
[illegible]	37.8	61.6	71.3	82.2	87.8	89.2	92.9	94.5	95.0	96.6	96.9	97.5	97.5	97.7	98.	98.
[illegible]	38.1	61.6	71.5	82.4	88.2	89.5	93.4	95.6	95.9	97.3	97.5	98.2	98.2	98.5	98.5	98.5
[illegible]	38.1	61.6	72.5	82.6	88.3	89.7	93.6	95.7	96.7	97.7	97.9	98.6	98.6	98.9	99.1	99.1
[illegible]	38.1	61.6	72.5	82.6	88.5	89.9	94.0	96.3	96.9	98.2	98.4	99.1	99.3	99.6	99.8	[illegible]
[illegible]	38.1	61.6	72.5	82.6	88.5	89.9	94.0	96.3	96.9	98.2	98.4	99.1	99.3	99.6	99.8	[illegible]
[illegible]	38.1	61.6	72.5	82.6	88.5	89.9	94.0	96.3	96.9	98.2	98.4	99.1	99.3	99.6	99.8	[illegible]
[illegible]	38.1	61.6	72.5	82.6	88.5	89.9	94.	96.3	96.9	98.2	98.4	99.1	99.3	99.6	99.8	[illegible]
[illegible]	38.1	61.6	72.5	82.6	88.5	89.9	94.0	96.3	96.9	98.2	98.4	99.1	99.3	99.6	99.8	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WERTHEIM AAF [illegible]
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

		26		24												
[illegible]	24.0	27.6	33.7	35.4	36.1	36.1	37.	37.1	37.[illegible]	37.1	37.1	37.[illegible]	37.7	37.	[illegible]	[illegible]
[illegible]	27.7	37.5	39.6	42.[illegible]	43.[illegible]	43.[illegible]	44.1	44.3	44.7	44.3	44.3	44.[illegible]	44.5	44.5	44.5	44.
[illegible]	27.7	33.2	39.5	42.5	43.6	43.6	44.5	44.6	44.	44.6	44.8	[illegible]	[illegible]	[illegible]	[illegible]	45.
[illegible]	27.7	33.2	39.5	42.5	43.5	43.6	44.5	44.6	44.8	44.6	44.8	45.	[illegible]	45.	[illegible]	45.
[illegible]	27.7	33.2	39.5	42.5	43.5	43.6	44.6	44.8	44.8	44.8	44.8	45.	45.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	39.6	41.2	42.9	43.9	43.9	45.	45.2	45.[illegible]	45.2	45.[illegible]	45.4	45.4	45.4	45.4	45.4
[illegible]	[illegible].7	38.9	40.5	43.2	44.7	44.3	45.4	45.5	45.[illegible]	45.5	45.[illegible]	45.7	45.7	45.7	45.7	45.7
[illegible]	[illegible].6	39.6	41.8	44.1	4[illegible].2	45.2	46.3	46.4	46.4	46.4	46.4	46.6	46.6	46.6	[illegible]	46.
[illegible]	[illegible]	41.4	43.[illegible]	45.6	47.7	47.7	48.8	48.9	48.9	48.9	48.9	49.1	49.1	49.	49.1	49.
[illegible]	[illegible].9	43.6	46.4	[illegible]	51.1	51.1	52.3	52.7	52.7	52.7	52.7	52.7	52.9	52.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	44.3	47.7	50.5	51.6	51.6	53.[illegible]	53.2	53.[illegible]	53.[illegible]	53.2	53.4	53.4	53.4	53.4	[illegible]
[illegible]	[illegible]	45.5	48.6	51.6	52.[illegible]	52.[illegible]	54.3	54.5	54.[illegible]	54.5	54.[illegible]	54.5	54.5	54.[illegible]	54.[illegible]	[illegible]
[illegible]	32.5	46.3	49.7	52.5	53.6	53.6	55.2	55.2	55.[illegible]	55.2	55.[illegible]	55.4	55.4	55.4	55.4	[illegible]
[illegible]	34.6	4[illegible].6	5[illegible].3	56.3	57.3	57.3	58.8	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	[illegible]
[illegible]	[illegible].7	54.3	57.8	6[illegible].7	[illegible]	[illegible]	63.4	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.8	63.8	63.[illegible]	63.[illegible]	63.
[illegible]	43.[illegible]	63.2	68.9	73.9	75.7	75.7	77.1	77.3	77.[illegible]	77.[illegible]	77.[illegible]	77.5	77.5	77.5	77.5	77.
[illegible]	45.2	68.2	73.1	77.7	7[illegible].5	79.6	81.3	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.
[illegible]	47.7	73.0	77.7	83.[illegible]	85.2	85.4	87.[illegible]	87.7	87.7	87.7	87.7	87.9	87.9	87.[illegible]	87.[illegible]	87.
[illegible]	47.9	73.4	7[illegible]	83.[illegible]	86.1	86.3	87.9	88.6	88.[illegible]	88.6	88.6	88.8	88.8	[illegible]	[illegible]	[illegible]
[illegible]	49.5	75.3	81.4	87.5	87.6	8[illegible].5	91.4	92.1	92.1	92.1	92.1	92.3	92.3	92.[illegible]	92.3	[illegible]
[illegible]	[illegible]1.1	75.9	84.8	92.1	94.5	94.6	96.3	97.[illegible]	97.[illegible]	97.[illegible]	97.1	97.3	97.3	97.3	97.3	97.3
[illegible]	51.1	75.9	84.[illegible]	92.5	94.6	94.6	96.4	97.1	97.1	97.1	97.[illegible]	97.7	97.7	97.7	97.[illegible]	97.7
[illegible]	51.3	77.[illegible]	85.2	92.7	95.[illegible]	95.2	96.8	97.5	97.5	97.5	97.7	98.	98.[illegible]	98.[illegible]	98.[illegible]	98.
[illegible]	[illegible]1.6	77.6	8[illegible].7	93.2	95.5	95.7	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.6	98.6	98.6	98.6	98.
[illegible]	52.1	80.2	86.1	93.6	95.9	96.1	97.7	98.4	98.4	98.4	98.6	98.9	98.9	98.9	98.9	[illegible]
[illegible]	52.1	80.2	86.1	93.6	96.1	96.4	98.2	98.9	98.9	98.9	99.1	99.6	99.6	99.6	99.6	[illegible]
[illegible]	52.1	80.2	86.1	93.6	96.1	96.4	98.2	98.9	98.[illegible]	98.9	99.1	99.6	99.8	99.8	99.8	99.
[illegible]	52.1	80.2	86.1	93.6	96.1	96.4	98.2	98.9	98.9	98.9	99.1	99.6	99.8	99.8	99.8	99.
[illegible]	52.1	80.2	86.1	93.6	96.1	96.4	98.2	98.9	98.9	98.9	99.1	99.6	99.8	99.[illegible]	99.8	99.
[illegible]	52.1	80.2	86.1	93.6	96.1	96.4	98.2	98.9	98.9	98.9	99.1	99.6	99.8	99.8	99.8	99.
[illegible]	52.1	80.2	86.1	93.5	96.1	96.4	98.2	98.9	98.9	98.9	99.1	99.6	99.8	99.8	99.8	99.
[illegible]	52.1	80.2	86.1	93.5	96.1	96.4	98.2	98.9	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WERTHEIM AAF [illegible]
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	39.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
39.9	44.2	[illegible]	45.6	47.0	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	[illegible]
39.9	44.2	45.0	45.6	47.0	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	[illegible]
39.9	44.2	45.0	45.6	47.0	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	[illegible]
39.9	44.2	[illegible]	45.6	47.0	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	[illegible]
39.9	44.2	45.0	45.6	47.0	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	[illegible]
40.1	44.4	45.7	46.0	47.2	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	[illegible]
41.1	45.3	46.8	47.8	49.1	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	[illegible]
43.1	48.1	49.8	50.5	51.7	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	[illegible]
[illegible]	51.3	53.2	54.4	55.6	55.8	56.0	56.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	51.7	53.3	55.0	55.9	56.4	56.5	56.6	[illegible]	[illegible]	[illegible]	[illegible]	56.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	52.4	54.6	55.6	57.1	57.3	57.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	52.6	54.8	56.0	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
[illegible]	57.1	59.5	61.1	62.5	62.8	63.0	63.0	63.0	[illegible]	[illegible]	63.0	63.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	61.5	64.4	66.5	67.9	68.1	68.3	68.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	71.4	74.6	75.1	77.6	79.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	73.2	76.7	[illegible]	[illegible]	82.4	83.0	83.0	[illegible]	[illegible]	[illegible]	83.0	83.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	79.3	[illegible]	85.9	87.5	87.9	88.5	88.5	88.5	88.5	[illegible]	88.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	83.4	[illegible]	89.0	89.4	90.0	90.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	85.7	90.2	91.2	91.5	92.2	92.2	[illegible]	92.2	92.2	92.4	92.6	[illegible]	[illegible]	[illegible]	[illegible]
84.1	[illegible]	86.9	91.6	94.5	[illegible]	95.7	95.7	95.7	95.7	95.7	[illegible]	96.1	96.1	96.1	[illegible]	[illegible]
84.4	91.8	87.3	92.2	94.9	[illegible]	96.3	96.3	[illegible]	[illegible]	96.3	96.7	96.9	[illegible]	[illegible]	[illegible]	[illegible]
84.4	[illegible]	87.3	92.6	95.3	95.9	96.7	96.7	97.3	97.5	97.5	97.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85.1	[illegible]	87.9	93.3	[illegible]	96.5	97.3	97.3	[illegible]	98.2	98.2	98.4	98.6	98.6	98.6	[illegible]	[illegible]
85.1	[illegible]	87.9	93.3	[illegible]	96.5	[illegible]	[illegible]	[illegible]	98.2	[illegible]	98.4	98.5	[illegible]	[illegible]	[illegible]	[illegible]
85.3	[illegible]	88.1	93.7	95.3	96.9	97.8	97.5	98.4	[illegible]	[illegible]	[illegible]	99.0	[illegible]	[illegible]	[illegible]	[illegible]
85.4	[illegible]	88.3	93.9	96.5	97.1	[illegible]	[illegible]	98.5	98.8	[illegible]	99.0	99.2	99.2	[illegible]	[illegible]	[illegible]
85.4	92.8	88.3	93.9	96.5	97.1	98.0	[illegible]	[illegible]	[illegible]	98.8	99.2	99.4	99.4	99.4	[illegible]	[illegible]
85.4	[illegible]	88.3	[illegible]	96.5	97.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.2	99.4	99.4	99.4	[illegible]	[illegible]
85.4	[illegible]	[illegible]	93.9	96.5	97.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.2	99.4	99.4	[illegible]	[illegible]	[illegible]
85.4	[illegible]	89.3	93.9	96.5	97.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.2	99.4	99.4	99.4	[illegible]	[illegible]
85.4	[illegible]	89.3	93.9	96.5	97.1	[illegible]	[illegible]	98.6	[illegible]	98.3	99.2	99.4	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 43

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 NORTHEAST AAF OL (STATION NAME) 73-81 (MAP) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

VISIBILITY STATUTE MILES

CEILING FEET	20	26	21	24	21	20	22	2	21.4	2	1.4	1.4	2	25.6	1.4	1
[illegible]	[illegible]	26.7	31.1	34.9	34.1	34.2	36.1	39.1	40.6	40.5	40.5	40.9	41.1	41.1	[illegible]	[illegible]
[illegible]	22.9	27.8	35.8	4[illegible].3	4[illegible].7	42.8	44.6	46.[illegible]	47.5	47.5	47.8	48.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	26.6	37.9	37.7	41.3	41.6	43.9	46.2	46.[illegible]	46.[illegible]	46.[illegible]	47.2	49.[illegible]	49.[illegible]	49.[illegible]	[illegible]	[illegible]
[illegible]	26.5	37.8	37.7	41.3	41.6	43.9	46.2	46.7	46.5	46.9	4[illegible].6	49.2	49.2	49.[illegible]	[illegible]	[illegible]
[illegible]	26.5	37.8	37.7	41.3	41.6	43.9	46.2	46.7	46.5	46.9	4[illegible].6	49.2	49.3	49.[illegible]	[illegible]	[illegible]
[illegible]	27.2	31.1	37.8	41.5	4[illegible]	44.1	46.3	46.7	49.2	49.2	49.[illegible]	49.3	49.2	49.5	[illegible]	[illegible]
[illegible]	28.7	32.6	4[illegible].2	43.9	44.5	46.9	49.2	49.7	51.5	51.9	51.9	52.2	52.2	52.7	[illegible]	[illegible]
[illegible]	32.6	34.7	42.4	46.3	46.9	49.3	51.5	51.7	54.4	54.4	54.4	54.5	55.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	34.0	37.7	4[illegible].2	52.9	5[illegible]	56.3	59.1	59.[illegible]	62.7	62.7	6[illegible].3	63.7	62.7	62.7	[illegible]	
[illegible]	34.3	39.5	5[illegible].1	55.3	56.5	62.2	63.[illegible]	63.7	66.6	66.6	66.6	67.2	67.2	67.2	67.[illegible]	
[illegible]	34.3	39.9	5[illegible].1	55.3	56.7	6[illegible].2	63.2	63.[illegible]	66.[illegible]	66.[illegible]	66.[illegible]	67.2	67.4	67.4	67.[illegible]	
[illegible]	34.3	39.8	5[illegible].3	55.5	57.[illegible]	62.6	63.6	63.7	67.5	67.5	67.5	67.9	68.1	68.1	[illegible]	
[illegible]	34.3	41.0	51.0	5[illegible].3	57.8	61.5	64.5	64.7	68.5	68.5	68.5	68.9	69.[illegible]	[illegible]	[illegible]	
[illegible]	34.4	47.9	52.5	5[illegible].2	5[illegible].7	63.4	66.6	66.9	72.5	7[illegible].5	7[illegible].5	71.9	71.1	71.1	7[illegible]	
[illegible]	35.3	41.9	53.6	5[illegible].1	[illegible]	64.4	67.6	67.9	72.[illegible]	72.[illegible]	72.[illegible]	72.4	72.6	72.6	7[illegible]	
[illegible]	37.5	44.7	58.6	6[illegible].5	67.5	71.9	75.1	75.6	8[illegible].1	82.1	82.1	82.9	81.2	81.2	8[illegible]	
[illegible]	38.1	45.2	59.3	66.8	68.9	73.2	76.5	77.1	81.6	81.9	81.8	82.7	83.1	83.1	84.[illegible]	
[illegible]	39.1	46.2	60.8	68.3	70.4	75.6	75.4	79.9	84.6	84.6	84.6	85.5	85.9	85.9	[illegible]	
[illegible]	40.0	47.1	61.0	69.4	71.5	77.3	81.1	81.4	86.3	86.3	86.3	87.2	87.6	87.6	[illegible]	
[illegible]	40.5	47.7	62.5	7[illegible].4	72.4	78.4	82.2	82.7	87.4	87.4	87.4	88.4	88.7	88.7	89.7	
[illegible]	40.7	47.8	63.[illegible]	71.1	73.2	79.4	83.6	84.1	88.7	89.7	89.7	89.7	90.1	90.1	[illegible]	
[illegible]	41.6	49.1	64.7	73.7	75.[illegible]	81.2	85.4	85.[illegible]	9[illegible].6	9[illegible].6	9[illegible].6	91.6	91.6	91.7	[illegible]	
24.4	42.2	49.7	65.3	73.5	75.6	82.[illegible]	86.1	86.7	91.4	91.4	91.4	92.3	92.7	92.7	[illegible]	
24.4	42.4	49.5	65.7	77.9	76.2	82.9	87.1	87.4	92.5	92.5	92.5	93.4	93.8	93.8	94.7	
24.4	42.6	49.7	65.9	74.1	76.4	83.5	87.8	88.4	93.2	93.4	93.4	94.4	94.7	94.7	95.7	
24.4	42.6	49.7	65.9	74.1	76.5	84.1	88.7	89.7	94.6	95.1	95.3	95.2	96.5	96.5	[illegible]	
24.4	42.6	49.7	65.9	74.1	76.5	84.1	88.7	89.7	94.6	95.1	95.3	96.2	96.6	96.6	97.[illegible]	
24.4	42.6	49.7	65.9	74.1	76.5	84.2	88.9	90.1	95.3	95.9	96.1	97.[illegible]	97.4	97.4	98.[illegible]	
24.4	42.6	49.7	65.9	74.1	76.5	84.2	88.9	90.1	95.3	95.9	96.1	97.0	97.4	97.6	98.7	
24.4	42.6	49.7	65.9	74.1	76.5	84.2	88.9	90.1	95.3	95.9	96.1	97.0	97.4	97.6	99.[illegible]	
24.4	42.6	49.7	65.9	74.1	76.5	84.2	88.9	90.1	95.3	95.9	96.1	97.0	97.4	97.6	[illegible]	

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WESTHEIM AAF [illegible] 73-[illegible]
STATION NAME YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

[illegible]	26	24	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.1	[illegible]	41.4	42.5	41.5	42.2	[illegible]	42.2	42.2	[illegible]	[illegible]	42.2	[illegible]	[illegible]
[illegible]	35.7	39.2	44.5	46.7	47.2	47.7	48.3	48.7	48.3	48.3	[illegible]	[illegible]	48.3	48.3	[illegible]
24.1	36.6	39.1	45.4	47.7	48.1	48.6	49.4	49.4	49.4	49.4	[illegible]	[illegible]	49.4	49.4	[illegible]
24.1	36.6	39.1	45.4	47.7	48.1	48.8	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	[illegible]
24.1	36.2	39.2	45.6	48.1	48.5	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	[illegible]
24.1	36.5	39.5	45.6	48.1	48.5	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	[illegible]
24.3	36.5	41.1	47.4	49.7	51.2	51.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	[illegible]
25.4	40.4	43.4	52.5	53.2	53.3	54.1	54.5	54.7	54.6	54.6	54.6	54.6	54.6	54.6	[illegible]
26.7	43.1	47.5	55.3	59.3	59.6	60.4	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.3	[illegible]
26.1	45.[illegible]	49.9	58.4	63.2	63.6	64.3	65.[illegible]	65.[illegible]	65.2	65.2	65.2	65.2	65.2	65.2	[illegible]
26.1	45.7	49.9	58.4	63.2	63.6	64.3	65.[illegible]	65.[illegible]	65.2	65.2	65.2	65.2	65.2	65.2	[illegible]
26.1	45.3	49.9	58.4	63.4	63.6	64.5	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	[illegible]
27.1	45.6	50.5	59.1	64.1	64.5	65.2	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	[illegible]
[illegible]	46.3	51.2	59.8	64.9	65.4	66.1	66.6	66.6	67.[illegible]	67.[illegible]	67.2	67.2	67.2	67.2	[illegible]
3[illegible].1	47.4	54.4	63.1	67.1	68.6	69.4	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	[illegible]
35.[illegible]	50.[illegible]	61.8	71.5	7[illegible].7	77.5	78.4	81.1	81.4	81.5	81.5	81.5	81.8	81.8	81.8	[illegible]
35.1	56.9	62.7	73.[illegible]	8[illegible].7	[illegible]	81.9	82.7	83.1	83.4	83.4	83.5	83.6	83.6	83.6	[illegible]
35.7	57.3	63.4	74.2	83.2	82.9	84.7	85.2	85.6	85.9	85.9	86.1	86.1	86.1	86.1	[illegible]
36.4	59.1	64.[illegible]	75.9	87.8	84.7	85.8	87.2	87.4	87.7	87.7	87.9	87.9	88.1	88.1	[illegible]
36.9	61.2	65.4	77.3	88.2	86.3	87.4	88.8	89.2	89.7	89.7	89.9	89.9	90.1	90.1	[illegible]
36.9	61.2	65.4	[illegible]	88.3	89.4	90.5	91.9	92.[illegible]	92.8	92.[illegible]	93.0	93.2	93.2	93.2	[illegible]
37.1	61.7	69.[illegible]	81.9	88.8	89.9	91.4	92.8	93.2	93.7	93.7	93.9	93.9	94.1	94.1	[illegible]
39.3	63.1	69.4	81.3	87.2	90.3	91.7	93.2	93.[illegible]	94.1	94.1	94.2	94.2	94.4	94.4	[illegible]
39.5	63.2	69.9	82.3	87.9	91.3	92.6	94.1	94.4	95.5	95.[illegible]	95.1	95.1	95.3	95.7	[illegible]
40.1	64.1	71.[illegible]	83.1	91.[illegible]	92.1	93.7	95.1	95.5	96.2	96.[illegible]	96.2	96.2	96.4	96.4	[illegible]
40.3	64.3	71.2	83.2	91.2	92.3	93.9	95.5	95.9	96.4	96.4	96.5	96.8	97.1	97.1	[illegible]
40.2	64.7	71.5	83.6	91.7	93.3	95.[illegible]	96.8	97.1	98.[illegible]	98.[illegible]	99.2	99.4	98.7	98.[illegible]	[illegible]
40.2	64.7	71.5	84.4	92.3	93.5	95.7	97.7	98.[illegible]	98.9	98.9	99.1	99.3	99.5	99.5	[illegible]
40.2	64.7	71.5	84.4	92.3	93.5	95.7	97.7	98.9	98.9	98.9	99.1	99.3	99.9	99.9	[illegible]
40.2	64.7	71.5	84.4	92.3	93.5	95.7	97.7	98.[illegible]	98.9	99.9	99.1	99.3	99.9	99.9	[illegible]
40.2	64.7	71.5	84.4	92.3	93.5	95.7	97.7	98.[illegible]	98.9	98.9	99.1	99.3	99.9	99.9	[illegible]
40.2	64.7	71.5	84.4	92.3	93.5	95.7	97.7	98.[illegible]	98.9	98.9	99.1	99.3	99.9	99.9	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WERTHEIM AAF GE 73-8[illegible] [illegible]

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible]

VISIBILITY (STATUTE MILES)

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	37.4	37.6	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	[illegible]	[illegible]
[illegible]	[illegible]	44.3	44.5	45.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	[illegible]
[illegible]	[illegible]	45.6	45.7	46.6	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	[illegible]
[illegible]	[illegible]	45.6	45.7	46.6	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
[illegible]	31.7	45.7	45.9	46.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	[illegible]
[illegible]	31.1	45.9	46.1	47.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	[illegible]
[illegible]	31.5	46.8	47.2	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	[illegible]
[illegible]	32.7	48.1	48.6	49.5	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
[illegible]	33.4	52.5	53.7	55.4	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	[illegible]
[illegible]	37.1	55.2	56.1	57.9	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	[illegible]	[illegible]
[illegible]	37.1	55.2	56.1	57.9	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	[illegible]
[illegible]	39.1	57.5	58.4	60.4	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
[illegible]	39.6	58.3	59.2	61.0	62.8	62.8	63.[illegible]	63.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.5	60.0	61.2	63.0	64.8	64.8	65.3	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	[illegible]
[illegible]	48.5	65.3	66.6	68.6	70.4	70.4	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	[illegible]
[illegible]	49.1	74.4	75.7	78.6	80.6	80.6	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
[illegible]	50.1	76.2	77.5	80.4	82.4	82.4	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	[illegible]
[illegible]	51.1	77.5	78.8	82.9	85.3	85.3	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
[illegible]	51.9	78.5	80.7	85.1	87.5	87.7	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
[illegible]	53.5	81.3	82.6	86.9	89.3	89.5	92.0	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
[illegible]	55.7	83.3	85.5	90.0	92.7	92.9	93.6	94.2	94.[illegible]	94.4	94.4	94.4	94.4	94.4	94.4	94.4
[illegible]	56.3	84.6	86.7	90.7	93.5	93.5	94.5	95.3	95.[illegible]	95.5	95.5	95.5	95.5	95.5	95.5	95.5
[illegible]	56.3	84.8	86.9	91.1	94.0	94.2	95.1	95.6	95.9	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]
[illegible]	56.4	85.5	87.3	92.0	94.9	95.1	96.2	96.9	96.[illegible]	97.1	97.1	97.1	97.1	97.1	97.1	97.1
[illegible]	56.6	85.9	87.7	92.9	95.8	96.0	97.1	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	[illegible]
[illegible]	56.8	86.0	87.8	93.1	96.1	96.4	97.8	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
[illegible]	57.1	86.2	88.0	93.3	96.2	96.7	98.4	99.3	99.[illegible]	99.5	99.5	99.5	99.5	99.5	99.5	[illegible]
[illegible]	57.1	86.2	88.1	93.3	96.2	96.7	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	57.1	86.2	88.1	93.3	96.2	96.7	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	57.1	86.2	88.1	93.3	96.2	96.7	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	57.1	86.2	88.1	93.3	96.2	96.7	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	57.1	86.2	88.1	93.3	96.2	96.7	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]BAL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]57[illegible] [illegible]ERTHEIM AAF [illegible] 73-81 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

VISIBILITY (STATUTE MILES)

CEILING (FEET)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	40.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
[illegible]	36.1	51.1	51.5	51.7	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	[illegible]
[illegible]	37.1	52.1	52.6	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	[illegible]
[illegible]	37.1	52.1	52.6	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	[illegible]	[illegible]
[illegible]	37.1	52.1	52.6	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	[illegible]	[illegible]
[illegible]	37.1	52.6	53.1	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
[illegible]	37.8	53.6	54.1	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	[illegible]
[illegible]	38.9	55.1	55.5	56.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
[illegible]	[illegible]	58.3	59.2	60.5	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	[illegible]	[illegible]	[illegible]
[illegible]	42.7	60.9	61.5	63.0	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
[illegible]	43.2	61.3	62.2	63.5	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	[illegible]
[illegible]	44.4	63.5	64.7	65.6	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.[illegible]
[illegible]	4[illegible].1	64.1	65.0	66.2	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
[illegible]	46.[illegible]	67.9	69.5	70.1	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	[illegible]
[illegible]	4[illegible].3	70.3	71.4	72.9	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	[illegible]
[illegible]	52.0	73.5	81.[illegible]	84.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	[illegible]
[illegible]	53.[illegible]	81.6	83.1	86.6	8[illegible].2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.[illegible]	88.5	[illegible]
[illegible]	55.2	84.2	85.7	89.3	90.8	90.[illegible]	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	[illegible]
[illegible]	56.2	84.8	86.7	90.0	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	[illegible]
[illegible]	57.5	86.1	87.6	91.5	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.[illegible]	[illegible]
[illegible]	57.7	86.5	88.5	92.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.[illegible]	[illegible]
[illegible]	58.3	87.6	89.3	93.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	[illegible]	[illegible]
[illegible]	58.3	87.6	89.3	93.6	95.9	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	[illegible]
[illegible]	58.5	87.8	89.5	94.0	96.2	96.2	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.[illegible]	[illegible]
[illegible]	58.5	87.8	89.5	94.2	96.4	96.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.[illegible]	[illegible]
[illegible]	59.1	88.5	90.2	94.9	97.0	97.[illegible]	97.9	98.1	98.1	98.[illegible]	98.3	98.3	98.3	98.3	98.[illegible]	[illegible]
[illegible]	59.1	88.5	90.2	94.9	97.0	97.2	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	[illegible]
[illegible]	59.1	88.5	90.2	94.9	97.0	97.2	98.7	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	[illegible]
[illegible]	59.1	88.5	90.2	94.9	97.0	97.2	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	59.1	88.5	90.2	94.9	97.0	97.2	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	59.1	88.5	90.2	94.9	97.0	97.2	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	59.1	88.5	90.2	94.9	97.0	97.2	[illegible].7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	17.7	24.3	33.6	[illegible]	37.3	39.7	[illegible]	[illegible]	41.3	[illegible]	42.2	[illegible]	42.4	[illegible]	[illegible]
11.1	[illegible]	26.1	[illegible]	[illegible]	39.7	[illegible]	[illegible]	43.1	44.2	44.4	44.5	[illegible]	[illegible]	[illegible]	[illegible]
11.1	[illegible]	26.1	[illegible]	[illegible]	39.7	[illegible]	[illegible]	43.1	44.2	44.4	44.5	[illegible]	[illegible]	[illegible]	[illegible]
11.1	[illegible]	26.1	[illegible]	[illegible]	39.7	[illegible]	43.0	43.1	44.2	44.4	44.5	[illegible]	[illegible]	[illegible]	[illegible]
11.7	[illegible]	26.3	36.2	39.1	[illegible]	[illegible]	43.1	43.7	44.4	[illegible]	44.8	[illegible]	[illegible]	[illegible]	[illegible]
11.2	17.2	26.3	36.2	37.1	39.9	[illegible]	43.1	43.7	44.4	44.5	44.8	44.8	[illegible]	[illegible]	[illegible]
11.9	[illegible]	27.1	36.9	[illegible]	[illegible]	43.1	44.1	[illegible]	45.3	45.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	21.2	[illegible]	36.9	[illegible]	[illegible]	[illegible]	46.3	46.4	47.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.2	37.7	43.3	[illegible]	47.5	[illegible]	[illegible]	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	26.5	35.3	47.5	[illegible]	[illegible]	55.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	26.5	35.7	47.5	[illegible]	[illegible]	55.4	[illegible]	[illegible]	[illegible]	59.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17.6	28.3	37.1	49.7	53.7	[illegible]	57.6	[illegible]	59.4	[illegible]	61.1	61.4	61.4	[illegible]	[illegible]	[illegible]
[illegible]	30.3	[illegible]	51.9	[illegible]	56.7	[illegible]	61.4	[illegible]	62.9	63.3	63.5	63.5	[illegible]	[illegible]	[illegible]
21.9	[illegible]	47.1	56.3	[illegible]	61.2	64.5	66.4	[illegible]	67.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	34.9	44.6	[illegible]	[illegible]	[illegible]	67.3	69.3	[illegible]	70.7	71.1	[illegible]	71.5	[illegible]	[illegible]	[illegible]
[illegible]	39.7	[illegible]	65.6	71.5	[illegible]	76.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	75.6	[illegible]	77.3	81.5	[illegible]	84.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	42.2	[illegible]	[illegible]	76.8	77.7	[illegible]	84.5	[illegible]	86.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	42.5	53.6	77.4	[illegible]	[illegible]	[illegible]	86.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	72.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.6	88.1	[illegible]	[illegible]	[illegible]	92.3	93.1	[illegible]	[illegible]
[illegible]	43.5	54.7	73.7	[illegible]	[illegible]	85.6	88.5	[illegible]	91.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	43.5	54.7	73.7	[illegible]	[illegible]	85.7	88.7	[illegible]	91.6	[illegible]	[illegible]	[illegible]	94.5	[illegible]	[illegible]
[illegible]	43.7	[illegible]	[illegible]	[illegible]	[illegible]	86.5	89.4	[illegible]	[illegible]	[illegible]	94.1	94.5	[illegible]	[illegible]	[illegible]
[illegible]	44.1	[illegible]	74.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.2	94.1	95.1	95.4	[illegible]	[illegible]	97.4
[illegible]	44.1	55.2	74.4	[illegible]	81.7	[illegible]	[illegible]	[illegible]	93.2	94.1	95.1	95.4	96.2	[illegible]	97.4
[illegible]	44.1	55.2	74.6	[illegible]	81.9	87.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	44.1	55.2	[illegible]	[illegible]	81.9	87.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.2	97.1	[illegible]	[illegible]
[illegible]	44.1	[illegible]	[illegible]	[illegible]	[illegible]	87.4	[illegible]	[illegible]	[illegible]	94.9	95.5	96.2	[illegible]	97.4	[illegible]
[illegible]	44.1	55.2	[illegible]	[illegible]	[illegible]	87.4	93.5	[illegible]	[illegible]	94.9	95.5	96.2	[illegible]	[illegible]	[illegible]
[illegible]	44.1	55.2	[illegible]	[illegible]	81.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.2	97.3	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible] AAF [illegible] 73-[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.7	42.2	[illegible]	42.6	[illegible]	42.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	43.5	[illegible]	45.5	46.2	46.2	[illegible]	46.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.6	46.2	[illegible]	[illegible]	46.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	43.5	[illegible]	[illegible]	46.2	46.2	[illegible]	46.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.2	46.2	[illegible]	46.2	46.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.4	[illegible]	43.7	[illegible]	[illegible]	46.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.4	[illegible]	48.7	48.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	35.9	[illegible]	49.4	[illegible]	51.7	52.4	52.6	[illegible]	[illegible]	[illegible]	[illegible]	52.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	41.5	[illegible]	53.1	54.7	55.4	56.1	[illegible]	[illegible]	[illegible]	[illegible]	56.3	56.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	43.1	47.4	54.7	[illegible]	[illegible]	57.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.6	58.3	[illegible]	59.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	63.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	57.8	[illegible]	72.5	[illegible]	76.3	77.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	65.6	75.6	[illegible]	79.7	[illegible]	81.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.4	91.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	67.2	[illegible]	85.9	[illegible]	[illegible]	94.1	95.4	95.4	96.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	67.2	[illegible]	[illegible]	[illegible]	[illegible]	94.1	95.5	[illegible]	[illegible]	96.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	67.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.1	67.7	74.2	85.5	[illegible]	[illegible]	[illegible]	96.3	[illegible]	97.3	[illegible]	97.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	67.7	74.2	[illegible]	[illegible]	[illegible]	[illegible]	96.4	96.5	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.1	67.7	74.2	85.5	[illegible]	91.4	[illegible]	96.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	67.7	74.2	[illegible]	[illegible]	91.4	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.1	67.7	74.2	85.5	[illegible]	91.4	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.1	67.7	74.2	[illegible]	[illegible]	91.4	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.1	67.7	74.2	[illegible]	[illegible]	91.4	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.1	67.7	74.2	85.5	[illegible]	91.4	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]57 WERTHEIM AAF GE 73-81
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	41.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	41.4	[illegible]	[illegible]	[illegible]	[illegible]	47.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	41.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	41.4	[illegible]	[illegible]	[illegible]	[illegible]	43.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	41.7	[illegible]	43.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.6	[illegible]	44.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	44.7	[illegible]	47.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	47.3	[illegible]	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	45.7	[illegible]	[illegible]	54.5	[illegible]	54.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	77.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	83.4	[illegible]	[illegible]	87.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	55.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.5	[illegible]	97.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	85.3	[illegible]	94.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	89.6	95.5	96.8	97.5	99.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	95.7	[illegible]	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	95.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	95.7	[illegible]	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	95.7	[illegible]	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A131 190 WERTHEIM AAF GERMANY(WEST) REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. FEB 83 2/2

UNCLASSIFIED USAFETAC/DS-83/016 SBI-AD-E850 394 F/G 4/2 NL

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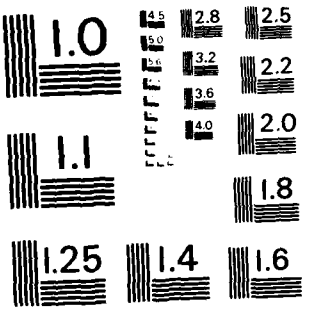

MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]57 WERTHEIM AAF DL 73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES

[illegible]	[illegible]	16.5	[illegible]	31.9	35.5	35.2	35.6	[illegible]	[illegible]	42.5	[illegible]	[illegible]	43.1	[illegible]	[illegible]	44.
[illegible]	5.1	[illegible]	26.5	34.2	37.8	[illegible]	41.1	43.1	43.4	45.4	45.4	45.4	45.6	[illegible]	[illegible]	[illegible]
[illegible]	5.1	[illegible]	[illegible]	34.2	37.8	[illegible]	41.1	43.1	43.4	45.4	45.4	45.4	45.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	34.2	37.8	[illegible]	41.1	43.1	43.4	45.4	45.4	45.4	45.6	46.2	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	34.2	37.8	[illegible]	41.1	43.1	43.4	45.4	45.4	45.4	45.6	[illegible]	46.7	[illegible]
[illegible]	[illegible]	[illegible]	27.4	34.4	[illegible]	39.1	42.3	44.3	44.7	46.7	46.7	46.7	46.3	47.2	[illegible]	[illegible]
[illegible]	17.1	[illegible]	[illegible]	[illegible]	37.6	[illegible]	43.6	45.6	[illegible]	47.9	49.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	32.5	35.7	40.3	[illegible]	46.7	48.6	[illegible]	[illegible]	51.2	[illegible]	51.4	52.1	[illegible]	[illegible]
[illegible]	[illegible]	24.3	34.4	43.2	46.8	47.6	51.2	53.2	[illegible]	55.5	55.7	55.7	55.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	25.5	[illegible]	46.5	[illegible]	[illegible]	55.5	57.7	58.1	[illegible]	[illegible]	[illegible]	61.1	[illegible]	[illegible]	[illegible]
[illegible]	14.1	25.8	37.5	47.2	51.8	52.4	56.2	58.4	[illegible]	61.4	61.5	61.6	61.8	62.7	[illegible]	[illegible]
[illegible]	14.5	27.2	[illegible]	47.8	[illegible]	[illegible]	56.3	59.1	[illegible]	62.2	62.3	62.7	[illegible]	63.4	63.4	[illegible]
[illegible]	15.7	28.3	39.3	[illegible]	53.7	54.2	[illegible]	62.2	[illegible]	63.2	63.4	63.4	63.6	64.5	[illegible]	[illegible]
[illegible]	17.1	31.2	42.2	51.9	55.4	57.3	61.3	63.4	[illegible]	66.5	66.5	66.5	67.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	33.9	[illegible]	55.5	[illegible]	61.6	65.9	68.5	[illegible]	71.5	[illegible]	71.9	72.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	35.4	47.4	[illegible]	[illegible]	[illegible]	71.7	74.4	75.2	75.2	75.4	75.4	75.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	48.3	62.2	[illegible]	69.2	73.5	[illegible]	77.7	[illegible]	[illegible]	[illegible]	81.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	35.4	50.1	[illegible]	71.2	72.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.5	84.1	85.2	85.5	[illegible]
[illegible]	21.9	[illegible]	[illegible]	[illegible]	71.9	73.0	77.8	80.9	[illegible]	84.3	84.7	84.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	66.7	[illegible]	74.1	[illegible]	[illegible]	83.1	85.5	86.1	86.1	86.5	87.6	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.1	[illegible]	[illegible]	86.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	41.4	54.1	[illegible]	77.3	[illegible]	[illegible]	[illegible]	[illegible]	91.5	[illegible]	92.1	[illegible]	94.1	94.4	[illegible]
[illegible]	[illegible]	41.4	54.1	[illegible]	77.5	78.9	[illegible]	87.2	88.7	91.9	92.4	92.4	93.2	94.4	[illegible]	[illegible]
[illegible]	[illegible]	41.4	54.2	[illegible]	77.8	[illegible]	84.3	87.6	[illegible]	92.3	92.8	92.8	93.5	[illegible]	95.1	[illegible]
[illegible]	[illegible]	41.4	54.2	71.0	[illegible]	[illegible]	84.7	87.9	[illegible]	92.6	[illegible]	94.1	95.	96.2	96.6	[illegible]
[illegible]	[illegible]	41.4	54.2	71.4	[illegible]	[illegible]	[illegible]	[illegible]	89.5	93.5	94.2	94.6	95.7	[illegible]	97.3	[illegible]
[illegible]	[illegible]	41.4	54.4	71.5	[illegible]	[illegible]	85.4	[illegible]	[illegible]	94.1	94.8	95.3	96.2	97.7	[illegible]	[illegible]
[illegible]	[illegible]	41.4	54.4	71.5	[illegible]	[illegible]	85.4	[illegible]	[illegible]	94.1	94.8	95.3	96.2	97.7	[illegible]	[illegible]
[illegible]	[illegible]	41.4	54.4	71.5	[illegible]	[illegible]	85.4	[illegible]	[illegible]	94.1	94.8	95.3	96.2	97.8	[illegible]	[illegible]
[illegible]	[illegible]	41.4	54.4	71.5	[illegible]	[illegible]	85.4	[illegible]	[illegible]	94.1	[illegible]	95.3	95.2	97.8	[illegible]	[illegible]
[illegible]	[illegible]	41.4	54.4	71.5	[illegible]	[illegible]	85.4	[illegible]	[illegible]	94.1	94.8	95.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	41.4	54.4	71.5	76.7	[illegible]	85.4	[illegible]	[illegible]	94.1	[illegible]	95.3	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION: BERTHEIM AAF GE STATION NAME — 73-[illegible] YEAR — [illegible] PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible] STATUTE MILES

CEILING (FEET)	20	26	21	24	23	22	21	2	2[illegible]	2	1[illegible]	1[illegible]	1	1[illegible]	1
[illegible]	[illegible]	[illegible]	32.7	36.6	37.3	39.6	[illegible]	[illegible]	[illegible]	40.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	32.[illegible]	35.[illegible]	39.3	[illegible]	42.3	47.[illegible]	43.[illegible]	[illegible]	43.4	43.4	43.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	33.0	35.7	39.0	41.1	42.5	43.2	43.2	43.4	43.5	43.5	43.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	33.3	35.[illegible]	39.5	41.1	42.5	43.2	43.2	43.4	43.5	43.6	43.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	33.7	35.7	39.0	41.1	42.5	43.2	43.2	43.4	43.6	43.6	43.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	33.6	36.3	[illegible]	41.9	43.2	43.8	43.7	44.1	44.3	44.3	44.3	44.3	44.3	44.3
[illegible]	[illegible]	34.5	37.[illegible]	41.1	43.9	44.3	45.[illegible]	45.0	45.[illegible]	45.4	45.4	45.4	45.4	45.4	45.4
[illegible]	[illegible]	37.1	43.4	44.1	47.2	47.3	48.[illegible]	48.[illegible]	48.[illegible]	48.4	48.4	48.4	48.4	48.4	48.4
[illegible]	[illegible]	41.4	44.[illegible]	49.4	51.3	51.6	52.3	52.3	52.[illegible]	52.7	52.7	52.7	52.7	52.7	[illegible]
[illegible]	[illegible]	46.2	49.1	54.1	57.[illegible]	57.3	58.2	58.2	58.4	58.6	58.6	58.6	58.6	58.6	[illegible]
[illegible]	[illegible]	46.4	51.4	55.5	59.4	60.8	59.6	59.6	59.[illegible]	60.0	60.[illegible]	60.[illegible]	60.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	47.7	51.6	56.0	59.6	61.[illegible]	61.9	61.9	61.1	61.3	61.7	61.3	61.3	61.3	[illegible]
[illegible]	[illegible]	47.9	52.[illegible]	57.3	60.2	60.5	61.4	61.4	61.[illegible]	61.6	61.9	61.9	61.9	61.9	[illegible]
[illegible]	[illegible]	54.4	55.7	61.6	64.6	65.0	65.9	65.9	66.1	66.3	66.3	66.3	66.7	66.7	[illegible]
[illegible]	[illegible]	56.0	61.4	67.7	71.3	71.0	73.0	73.2	73.4	73.6	73.9	73.9	73.9	73.9	[illegible]
[illegible]	[illegible]	63.4	69.7	76.6	81.2	80.7	82.7	82.3	82.7	82.9	83.7	83.2	83.7	83.7	[illegible]
[illegible]	[illegible]	63.8	69.4	77.7	81.6	82.1	83.6	83.9	84.7	84.9	84.9	84.9	84.9	84.9	[illegible]
[illegible]	[illegible]	64.8	70.7	79.1	83.2	83.0	85.2	85.7	86.1	85.3	86.6	85.6	85.6	85.6	[illegible]
[illegible]	[illegible]	65.4	71.3	79.6	83.6	84.1	85.7	86.3	86.5	86.8	87.1	87.1	87.1	87.1	[illegible]
[illegible]	[illegible]	67.5	73.6	82.3	86.3	87.0	88.9	89.5	89.9	90.4	90.7	90.7	90.7	90.7	[illegible]
[illegible]	[illegible]	67.1	75.0	85.2	87.3	91.4	92.7	93.2	93.6	94.1	94.5	94.5	94.5	94.5	[illegible]
[illegible]	[illegible]	70.5	77.1	87.3	91.6	92.7	95.[illegible]	95.5	96.1	97.[illegible]	97.7	97.3	97.3	97.[illegible]	[illegible]
[illegible]	[illegible]	70.5	77.1	87.3	91.6	92.7	95.0	95.7	96.3	97.3	97.9	97.9	97.9	97.9	[illegible]
[illegible]	[illegible]	70.5	77.1	87.0	92.0	93.3	95.4	96.3	96.9	98.3	98.6	98.8	98.8	98.8	[illegible]
[illegible]	[illegible]	70.5	77.3	87.9	92.3	93.4	96.7	97.0	97.5	98.8	99.3	99.5	99.5	99.5	[illegible]
[illegible]	[illegible]	70.5	77.3	87.9	92.7	93.6	96.1	97.3	97.9	99.1	99.6	99.6	99.8	99.8	[illegible]
[illegible]	[illegible]	70.5	77.3	87.9	92.7	93.8	96.1	97.3	97.9	99.1	99.5	99.8	99.8	99.8	[illegible]
[illegible]	[illegible]	70.5	77.3	87.9	92.7	93.8	96.1	97.5	98.[illegible]	99.3	99.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	70.5	77.3	87.9	92.7	93.6	96.1	97.5	98.[illegible]	99.3	99.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	70.5	77.3	87.9	92.7	93.8	96.1	97.5	98.[illegible]	99.3	99.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	70.5	77.3	87.9	92.7	93.6	96.1	97.5	98.[illegible]	99.3	99.8	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] BAL CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]7 STATION — WERTHEIM AAF [illegible] STATION NAME — [illegible] YEARS — [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

[illegible] FEET	VISIBILITY (STATUTE MILES)															
	[illegible]	26	[illegible]	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	35.7	[illegible]	37.1	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
[illegible]	31.5	40.6	[illegible]	42.1	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
[illegible]	31.5	40.5	40.9	42.1	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
[illegible]	31.5	40.6	40.9	42.1	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
[illegible]	31.5	40.6	[illegible]	42.1	[illegible]	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
[illegible]	31.7	40.5	[illegible]	42.2	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
[illegible]	31.9	41.1	41.5	42.6	[illegible]	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	[illegible]
[illegible]	33.5	43.7	43.4	45.1	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	[illegible]
[illegible]	35.2	46.0	47.2	49.5	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	[illegible]
[illegible]	38.8	[illegible]	51.3	53.3	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	[illegible]
[illegible]	39.7	52.2	52.5	54.5	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	[illegible]
[illegible]	41.7	54.2	54.5	56.5	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	[illegible]
[illegible]	42.2	54.7	55.3	57.2	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	[illegible]
[illegible]	44.4	[illegible]	59.5	61.1	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	[illegible]
[illegible]	[illegible]	66.1	66.5	69.2	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
[illegible]	[illegible]	[illegible]	73.7	83.1	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	[illegible]	[illegible]
[illegible]	61.1	[illegible]	81.3	85.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	[illegible]	[illegible]	[illegible]
[illegible]	62.5	81.9	83.2	88.6	89.7	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	[illegible]	[illegible]
[illegible]	63.9	[illegible]	84.5	[illegible]	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
[illegible]	64.7	85.1	86.6	92.6	93.8	93.8	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
[illegible]	65.8	87.1	88.8	95.3	96.6	96.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	[illegible]
[illegible]	66.1	87.5	89.5	96.2	97.5	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	66.1	87.5	89.5	96.2	97.5	97.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	[illegible]
[illegible]	66.1	87.5	89.5	96.2	97.5	97.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]
[illegible]	66.1	87.5	89.5	96.2	97.8	98.0	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	[illegible]
[illegible]	66.1	87.5	89.5	96.2	98.0	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]
[illegible]	66.1	87.5	89.5	96.2	98.0	98.2	99.3	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	66.1	87.5	89.5	96.2	98.0	98.2	99.3	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	66.1	87.5	89.5	96.2	98.0	98.2	99.3	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	66.1	87.5	89.5	96.2	98.0	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]
[illegible]	66.1	87.5	89.5	96.2	98.0	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]
[illegible]	66.1	87.5	89.5	96.2	98.0	98.2	99.3	100.0	100.0	100.0	100.0	[illegible]	100.0	100.0	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 57 WERTHEIM AAF IL [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

	[illegible]	≥6	[illegible]	≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	44.5	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	[illegible]
[illegible]	[illegible]	51.1	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	[illegible]
[illegible]	[illegible]	51.5	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	[illegible]	[illegible]
[illegible]	[illegible]	51.5	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	[illegible]	[illegible]
[illegible]	39.5	51.5	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	[illegible]	[illegible]
[illegible]	[illegible]	52.1	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	[illegible]
[illegible]	41.7	53.1	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	[illegible]
[illegible]	42.7	54.9	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	[illegible]	[illegible]
[illegible]	[illegible]	58.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	[illegible]	[illegible]
[illegible]	[illegible]	62.9	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	[illegible]
[illegible]	[illegible]	63.7	64.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	[illegible]
[illegible]	[illegible]	64.7	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	[illegible]
[illegible]	[illegible]	65.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	[illegible]
[illegible]	[illegible]	[illegible]	72.5	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	[illegible]
[illegible]	[illegible]	75.6	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	[illegible]
[illegible]	[illegible]	85.6	87.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	87.8	[illegible]	92.2	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	[illegible]	[illegible]	[illegible]
[illegible]	70.3	89.3	91.7	93.4	[illegible]	[illegible]	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	[illegible]	[illegible]
[illegible]	[illegible]	89.4	91.4	93.5	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	[illegible]	[illegible]
[illegible]	[illegible]	90.4	92.4	95.6	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	[illegible]
[illegible]	[illegible]	90.6	[illegible]	96.6	[illegible]	[illegible]	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	[illegible]
[illegible]	71.5	91.2	93.6	97.4	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]
[illegible]	71.5	91.2	93.6	97.4	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
[illegible]	71.5	91.2	93.6	97.4	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
[illegible]	71.3	91.2	93.6	97.4	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
[illegible]	71.5	91.4	93.6	97.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	71.5	91.4	93.6	97.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	71.5	91.4	93.6	97.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	71.5	91.4	93.6	97.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	71.5	91.4	93.6	97.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	71.5	91.4	93.6	97.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
[illegible]	71.5	91.4	93.6	97.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WERTHEIM AAF [illegible] 73-[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	9.7	16.2	27.0	30.0	33.5	34.2	37.5	40.1	41.7	43.5	44.7	45.0	45.2	45.5	46.1	47.1
[illegible]	9.9	16.6	27.9	31.4	35.1	35.6	39.3	42.2	43.7	45.7	47.1	47.5	47.6	48.2	49.9	51.4
[illegible]	10.0	17.5	24.8	32.3	36.0	36.6	40.1	43.1	44.7	46.8	48.1	48.3	48.5	49.0	49.7	51.6
[illegible]	10.0	17.5	24.8	32.3	36.0	36.6	40.1	43.1	44.7	46.8	48.1	48.3	48.5	49.2	49.7	51.7
[illegible]	10.0	17.5	24.8	32.3	36.0	36.6	40.1	43.1	44.7	46.8	48.0	48.3	48.5	49.2	49.7	51.7
[illegible]	10.0	17.5	24.5	32.3	36.3	37.0	40.5	43.5	44.5	47.1	48.3	48.7	48.9	49.6	50.1	51.7
[illegible]	11.0	18.0	25.1	33.0	37.2	37.9	41.5	44.5	45.5	48.2	49.4	49.7	50.1	50.[illegible]	51.7	52.[illegible]
[illegible]	11.3	18.3	25.5	34.0	37.7	39.4	43.3	46.2	47.3	49.9	51.1	51.5	51.8	52.[illegible]	53.1	54.[illegible]
[illegible]	12.0	20.2	27.8	35.2	42.9	43.6	48.0	51.0	52.[illegible]	55.5	57.1	57.6	57.9	58.5	59.[illegible]	61.[illegible]
[illegible]	12.8	20.6	30.4	41.5	46.6	47.5	52.2	55.3	56.5	60.9	62.5	63.2	63.5	64.2	64.7	67.[illegible]
[illegible]	12.9	20.8	30.5	41.9	46.9	47.8	52.5	55.7	56.9	61.0	62.8	63.5	63.9	64.[illegible]	65.1	67.
[illegible]	12.9	21.1	31.1	42.4	47.5	48.3	53.1	56.4	57.6	62.1	63.7	64.4	64.7	65.4	65.7	68.[illegible]
[illegible]	13.1	21.3	31.2	42.6	47.6	48.5	53.2	56.5	57.3	62.5	64.	64.7	65.1	65.5	66.3	68.[illegible]
[illegible]	14.1	22.[illegible]	37.5	45.5	50.8	51.7	56.5	59.5	61.1	65.8	67.4	68.1	68.4	69.1	69.6	71.[illegible]
[illegible]	14.7	23.2	38.1	47.5	53.7	54.1	57.7	63.4	64.[illegible]	70.0	71.6	72.3	72.6	73.6	74.7	76.[illegible]
[illegible]	16.9	25.7	38.1	52.8	57.4	58.6	64.9	66.0	71.3	75.7	77.5	78.2	78.5	79.9	80.5	83.4
[illegible]	17.1	26.4	39.3	52.0	59.6	59.9	66.3	70.2	71.[illegible]	77.3	79.1	79.3	80.3	81.7	82.7	85.[illegible]
[illegible]	17.8	27.6	40.5	53.9	60.7	62.1	68.9	74.0	75.7	81.5	83.7	84.1	84.8	86.2	86.7	88.1
[illegible]	17.8	27.8	40.5	54.3	61.1	62.5	69.5	74.5	76.4	82.2	83.9	84.8	85.5	86.9	87.4	89.[illegible]
[illegible]	17.8	27.9	41.0	54.6	61.6	63.0	70.2	75.2	77.1	83.1	84.8	85.7	86.4	87.6	88.7	91.6
[illegible]	18.1	28.1	41.4	55.3	62.3	63.7	70.9	75.9	77.5	83.9	85.7	86.5	87.6	89.0	89.5	92.5
[illegible]	18.1	28.3	41.7	55.7	62.7	64.0	71.4	76.6	78.5	84.3	86.5	87.4	88.5	89.9	92.4	93.7
[illegible]	18.1	28.4	42.1	56.0	63.0	64.4	71.7	77.0	78.9	85.2	86.7	87.5	88.3	90.0	91.[illegible]	94.1
[illegible]	18.1	28.5	42.2	56.2	63.2	64.6	71.9	77.1	79.4	85.7	87.4	88.5	88.5	90.[illegible]	91.4	94.[illegible]
[illegible]	18.3	29.0	42.5	56.5	63.5	64.9	72.3	77.5	79.8	86.0	87.8	88.8	89.9	91.3	91.5	95.[illegible]
[illegible]	18.3	29.0	42.6	56.9	63.9	65.3	72.6	77.8	80.1	86.5	88.3	89.4	90.4	91.8	92.3	95.5
[illegible]	18.3	29.0	42.6	56.9	63.9	65.3	72.6	77.8	80.5	86.9	88.7	89.7	90.8	92.1	92.7	96.[illegible]
[illegible]	18.3	29.0	42.6	56.9	64.0	65.4	72.8	78.0	80.6	87.4	89.2	90.2	91.3	92.7	93.2	96.[illegible]
[illegible]	18.3	29.0	42.6	56.9	64.0	65.4	72.8	78.0	80.8	87.5	89.4	90.4	91.4	92.8	93.5	97.[illegible]
[illegible]	18.3	29.0	42.6	56.9	64.0	65.4	72.8	78.0	80.8	87.6	89.4	90.4	91.4	92.8	93.5	98.[illegible]
[illegible]	18.3	29.0	42.6	56.9	64.0	65.4	72.8	78.0	80.8	87.6	89.4	90.4	91.4	92.8	93.5	99.[illegible]
[illegible]	18.3	29.0	42.6	56.9	64.0	65.4	72.8	78.0	80.8	87.6	89.4	90.4	91.4	92.8	93.5	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WERTHEIM AAF GL [illegible]
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

VISIBILITY (STATUTE MILES)

[illegible]	≥[illegible]	≥6	[illegible]	≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.1	[illegible]	45.1	47.3	47.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	21.3	36.5	41.3	[illegible]	[illegible]	[illegible]	52.8	53.5	53.5	53.5	53.7	53.9	53.9	54.1	54.1	[illegible]
[illegible]	22.4	37.5	42.7	49.1	51.5	51.6	53.9	54.6	54.6	54.6	54.7	54.9	54.9	55.1	55.1	[illegible]
[illegible]	22.4	37.5	42.3	49.1	51.5	51.6	53.9	54.6	54.6	54.6	54.7	54.9	54.9	55.1	55.1	55.1
[illegible]	22.4	37.5	42.3	49.1	51.5	51.6	53.9	54.6	54.6	54.6	54.7	54.9	54.9	55.1	55.1	55.1
[illegible]	22.7	38.2	43.1	49.9	52.3	52.5	54.7	55.4	55.4	55.4	55.6	55.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.4	38.9	43.9	50.9	53.4	53.5	55.8	56.5	56.5	56.5	56.6	56.8	56.9	57.	[illegible]	57.
[illegible]	24.1	39.6	44.9	52.0	55.4	55.6	58.2	58.9	58.9	59.1	59.2	59.4	59.4	59.6	[illegible]	59.7
[illegible]	25.5	41.8	47.5	56.3	58.9	59.2	62.0	62.7	62.7	62.8	63.	[illegible]	63.2	63.3	63.7	[illegible]
[illegible]	25.3	43.2	47.4	59.7	62.5	62.6	65.6	66.4	67.0	67.5	68.0	68.2	68.3	68.5	[illegible]	[illegible]
[illegible]	25.3	43.2	47.4	59.7	62.5	62.6	65.6	66.4	67.0	67.8	68.0	68.2	68.3	68.5	68.6	69.
[illegible]	25.3	43.2	47.4	60.1	62.8	63.2	66.1	67.1	67.5	68.3	68.5	68.7	68.8	69.4	69.4	[illegible]
[illegible]	[illegible]	43.9	50.1	[illegible]	63.5	63.9	67.0	67.8	68.3	69.2	69.4	69.5	69.7	[illegible]	[illegible]	70.4
[illegible]	27.4	44.5	51.8	61.9	64.5	64.9	68.0	68.8	69.4	70.2	70.4	70.6	70.7	71.0	71.3	71.4
[illegible]	28.4	45.3	52.7	64.5	67.3	67.6	70.9	71.6	72.3	73.1	73.3	73.5	73.7	74.5	74.5	74.7
[illegible]	32.7	52.7	59.3	72.6	75.7	76.1	80.3	81.4	81.7	82.1	83.3	83.5	83.8	84.7	84.7	84.7
[illegible]	33.0	53.7	60.4	74.2	77.3	77.8	81.8	83.1	83.6	84.9	85.	85.4	85.9	86.7	86.7	[illegible]
[illegible]	33.7	54.7	61.4	75.4	78.7	79.2	83.3	85.1	85.5	86.7	86.9	87.3	87.8	88.5	88.5	[illegible]
[illegible]	34.4	55.4	62.1	76.0	[illegible]	[illegible]	84.7	86.4	86.9	88.3	88.5	88.8	89.3	[illegible]	[illegible]	[illegible]
[illegible]	34.1	55.9	62.7	77.5	[illegible]	81.4	85.5	87.6	88.1	89.7	89.8	90.2	90.7	91.6	91.6	91.7
[illegible]	[illegible]	57.5	64.4	79.7	83.3	[illegible]	88.3	90.4	91.0	92.3	92.9	93.3	93.8	94.7	94.7	[illegible]
[illegible]	[illegible]	58.2	65.1	80.7	84.3	85.0	89.3	91.9	92.9	95.2	95.4	95.7	96.2	97.1	97.1	[illegible]
[illegible]	36.1	58.2	65.1	80.7	84.3	85.0	89.3	91.9	92.9	95.2	95.4	95.7	96.2	97.1	97.1	[illegible]
[illegible]	36.3	58.3	65.2	81.1	84.7	85.4	89.7	92.3	93.5	95.7	95.9	96.2	96.7	97.6	97.6	[illegible]
[illegible]	36.5	58.5	65.4	81.2	84.9	85.5	89.6	92.4	93.6	95.9	96.0	96.4	96.9	97.5	97.8	[illegible]
[illegible]	36.5	58.5	65.4	81.2	84.9	85.5	[illegible]	92.6	94.	96.4	96.5	96.9	97.4	98.3	98.3	[illegible]
[illegible]	36.5	58.5	65.6	81.4	85.0	85.7	90.2	92.9	94.3	96.7	96.9	97.2	97.9	98.8	[illegible]	99.
400	36.5	58.5	65.6	81.4	85.0	85.7	90.5	93.3	94.7	97.1	97.2	97.6	98.3	99.3	[illegible]	[illegible]
[illegible]	36.5	56.5	65.6	81.4	85.0	85.7	90.5	93.3	94.7	97.1	97.2	97.6	98.5	99.5	99.7	[illegible]
200	36.5	56.5	65.6	81.4	85.0	85.7	90.5	93.3	94.7	97.1	97.2	97.6	98.5	99.5	99.7	[illegible]
[illegible]	36.5	56.5	65.6	81.4	85.0	85.7	90.5	93.3	94.7	97.1	97.2	97.6	98.5	99.5	99.7	[illegible]
[illegible]	36.5	56.5	65.6	81.4	85.0	85.7	90.5	93.3	94.7	97.1	97.2	97.6	98.5	99.5	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]IAL CLIMATOLOGY BRANCH
[illegible]AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]57 WERTHEIM AAF GE 73-[illegible]
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
[illegible]	33.3	44.3	45.5	47.4	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.[illegible]
[illegible]	35.6	46.3	49.6	52.1	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
[illegible]	35.7	46.5	50.2	52.4	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
[illegible]	36.2	46.5	50.2	52.4	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
[illegible]	37.1	48.8	50.3	52.6	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
[illegible]	37.1	49.5	51.1	53.3	53.8	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
[illegible]	37.3	50.2	51.7	54.0	54.5	54.5	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.[illegible]
[illegible]	37.6	51.2	52.7	55.5	56.4	56.4	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.[illegible]
[illegible]	40.2	54.5	56.7	60.2	60.9	60.9	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
[illegible]	42.1	57.4	60.0	64.1	64.8	64.8	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.[illegible]
[illegible]	42.4	57.5	60.5	64.7	65.3	65.3	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
[illegible]	43.3	58.0	61.6	65.9	66.6	66.6	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.[illegible]
[illegible]	43.7	59.7	62.7	66.6	67.2	67.2	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.[illegible]
[illegible]	45.7	60.2	64.5	69.5	70.2	70.2	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
[illegible]	47.6	63.5	67.5	73.4	74.1	74.2	75.3	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.[illegible]	76.[illegible]
[illegible]	52.3	72.3	81.7	87.2	87.9	88.1	89.1	90.2	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
[illegible]	55.5	80.2	83.9	89.5	90.2	90.5	91.7	92.8	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4
[illegible]	59.5	81.4	85.3	91.2	92.2	92.6	94.0	95.[illegible]	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	60.9	82.1	86.1	91.9	92.9	93.3	94.7	95.7	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.[illegible]
[illegible]	61.7	83.1	87.1	93.1	94.1	94.5	95.9	96.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.[illegible]
[illegible]	62.4	83.6	87.5	94.0	95.2	95.5	97.1	98.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.[illegible]
[illegible]	62.4	83.6	87.6	94.1	95.3	95.7	97.4	98.4	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.[illegible]
[illegible]	[illegible].6	83.8	87.6	94.5	95.7	96.0	97.8	98.8	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	62.6	83.8	87.6	94.5	95.7	96.2	97.9	99.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.[illegible]
[illegible]	62.6	83.8	87.6	94.5	95.7	96.2	98.1	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	62.6	83.8	87.6	94.5	95.7	96.2	98.1	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	62.6	83.8	87.6	94.5	95.7	96.2	98.1	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	62.6	83.8	87.6	94.5	95.7	96.2	98.1	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	62.6	83.8	87.6	94.5	95.7	96.2	98.1	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	62.6	83.8	87.6	94.5	95.7	96.2	98.1	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	62.6	83.8	87.6	94.5	95.7	96.2	98.1	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	62.6	83.8	87.6	94.5	95.7	96.2	98.1	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

57[illegible] (STATION) WERTHEIM AAF FL (STATION NAME) 73-81 (YEAR) [illegible] (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

VISIBILITY STATUTE MILES

CEILING FEET	≥30	≥26	≥25	≥24	≥23	≥22	≥21	≥2[illegible]	≥19	≥18	≥17	≥16	≥15	≥14	≥13	≥12
[illegible]	55.1	47.5	5[illegible]	52.5	52.7	53.1	53.6	53.5	53.5	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	[illegible]
[illegible]	42.4	54.2	56.1	57.8	58.1	58.3	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	[illegible]	[illegible]
[illegible]	42.2	54.2	56.1	57.9	58.3	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	[illegible]	[illegible]
[illegible]	42.2	54.3	56.1	57.9	58.3	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	[illegible]	[illegible]
[illegible]	42.2	54.2	56.1	57.9	58.3	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	[illegible]	[illegible]
[illegible]	42.4	54.3	56.6	58.5	58.9	59.1	59.6	59.9	59.5	59.6	59.5	59.6	59.6	59.6	[illegible]	[illegible]
[illegible]	42.4	55.5	57.4	59.3	59.6	59.8	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	[illegible]	[illegible]
[illegible]	43.8	56.1	57.9	60.8	60.9	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	[illegible]	[illegible]
[illegible]	45.9	60.4	62.4	65.4	65.8	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	[illegible]	[illegible]
[illegible]	51.4	65.6	66.2	71.6	72.0	72.1	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	[illegible]	[illegible]
[illegible]	51.7	66.2	68.9	72.1	72.5	72.7	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	[illegible]	[illegible]
[illegible]	52.1	67.5	70.3	73.6	74.0	74.2	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	[illegible]	[illegible]
[illegible]	53.1	68.4	71.2	74.6	75.0	75.1	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	[illegible]	[illegible]
[illegible]	54.3	67.9	72.7	76.3	76.6	76.8	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	[illegible]	[illegible]
[illegible]	57.3	75.1	77.5	82.2	82.6	82.8	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	[illegible]	[illegible]
[illegible]	64.5	82.4	86.2	91.[illegible]	91.8	91.9	91.6	92.1	92.1	92.5	92.5	92.5	92.5	92.5	[illegible]	[illegible]
[illegible]	65.1	83.2	87.1	92.0	93.3	92.5	93.1	93.6	93.6	94.4	94.6	94.8	94.8	94.8	[illegible]	[illegible]
[illegible]	65.6	84.1	88.0	93.1	93.5	93.6	94.2	94.8	94.8	95.5	95.7	95.9	95.9	95.9	[illegible]	[illegible]
[illegible]	65.1	84.7	88.8	92.6	94.2	94.4	95.0	95.5	95.5	96.3	96.4	96.6	96.6	96.6	[illegible]	[illegible]
[illegible]	65.4	85.4	89.4	94.8	95.1	95.3	95.9	96.4	96.4	97.2	97.4	97.6	97.6	97.6	[illegible]	[illegible]
[illegible]	65.7	85.3	90.1	95.9	96.9	97.0	97.6	98.1	98.1	98.9	99.1	99.3	99.3	99.3	[illegible]	[illegible]
[illegible]	65.7	85.8	90.1	95.9	96.8	97.0	97.6	98.1	98.1	98.9	99.1	99.3	99.3	99.3	[illegible]	[illegible]
[illegible]	65.7	85.3	90.1	95.9	97.0	97.2	97.8	98.3	98.3	99.1	99.3	99.4	99.4	99.4	[illegible]	[illegible]
[illegible]	65.7	85.8	90.1	95.9	97.0	97.2	97.8	98.3	98.3	99.1	99.3	99.4	99.4	99.4	[illegible]	[illegible]
[illegible]	66.7	85.8	9[illegible].1	95.9	97.0	97.4	97.9	98.5	98.5	99.3	99.4	99.6	99.6	99.6	[illegible]	[illegible]
[illegible]	66.7	85.8	9[illegible].1	95.9	97.0	97.4	97.9	98.5	98.5	99.3	99.4	99.6	99.6	99.6	[illegible]	[illegible]
[illegible]	66.7	85.8	90.1	95.9	97.0	97.4	97.9	98.5	98.5	99.3	99.4	99.6	99.6	99.6	[illegible]	[illegible]
[illegible]	66.7	85.8	90.1	95.9	97.0	97.4	97.9	98.7	98.7	99.6	99.8	100.0	100.0	100.0	[illegible]	[illegible]
[illegible]	66.7	85.8	90.1	95.9	97.0	97.4	97.9	98.7	98.7	99.6	99.8	100.0	100.0	100.0	[illegible]	[illegible]
[illegible]	66.7	85.8	9[illegible].1	95.9	97.0	97.4	97.9	98.7	98.7	99.6	99.8	100.0	100.0	100.0	[illegible]	[illegible]
[illegible]	66.7	85.8	9[illegible].1	95.9	97.0	97.4	97.9	98.7	98.7	99.6	99.8	100.0	100.0	100.0	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]7 ERTHEI[illegible] AAF [illegible] 73-81
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	[illegible]	≥6	[illegible]	≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7.0	11.7	[illegible]	16.6	19.5	[illegible]	[illegible]	25.7	27.1	30.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7.4	11.9	14.4	17.2	[illegible]	[illegible]	25.3	27.1	28.8	[illegible]	32.4	[illegible]	34.7	36.2	37.2	[illegible]
[illegible]	7.4	12.1	14.6	17.5	20.5	20.9	25.7	27.5	29.0	32.4	32.7	34.3	35.1	36.6	37.4	[illegible]
[illegible]	7.4	12.1	14.6	17.5	20.5	20.9	25.7	27.5	29.0	32.4	32.7	34.3	35.1	[illegible]	[illegible]	[illegible]
[illegible]	7.4	12.1	14.6	17.5	20.5	20.9	25.7	27.5	29.0	32.4	32.7	34.3	35.1	36.6	37.4	[illegible]
[illegible]	7.4	12.1	14.6	17.5	20.5	20.9	25.7	27.5	29.0	32.4	32.7	34.3	35.1	36.6	37.4	[illegible]
[illegible]	7.4	12.1	14.6	17.5	20.5	20.9	25.7	27.5	[illegible]	[illegible]	[illegible]	[illegible]	35.9	[illegible]	[illegible]	[illegible]
[illegible]	7.4	12.1	14.6	17.7	20.7	21.1	[illegible]	27.7	29.4	32.7	33.1	35.1	36.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	14.0	17.5	22.4	26.3	26.7	32.6	34.5	36.7	39.6	[illegible]	[illegible]	43.3	[illegible]	[illegible]	[illegible]
[illegible]	9.1	14.8	[illegible]	25.0	[illegible]	30.2	36.5	[illegible]	40.4	44.2	45.2	47.4	48.5	[illegible]	51.5	[illegible]
[illegible]	9.1	14.8	[illegible]	25.0	[illegible]	30.2	36.5	38.6	[illegible]	44.4	45.4	47.6	48.7	[illegible]	51.7	[illegible]
[illegible]	[illegible]	15.2	19.3	25.3	[illegible]	[illegible]	37.2	39.4	[illegible]	45.4	46.6	48.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	15.4	19.5	25.5	[illegible]	[illegible]	37.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	15.6	20.1	[illegible]	[illegible]	[illegible]	[illegible]	41.5	43.5	[illegible]	[illegible]	52.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	21.4	[illegible]	33.3	[illegible]	42.5	45.0	[illegible]	[illegible]	[illegible]	57.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.7	67.3	[illegible]	71.2	[illegible]
[illegible]	[illegible]	[illegible]	24.1	[illegible]	[illegible]	41.5	[illegible]	[illegible]	[illegible]	[illegible]	64.5	67.4	[illegible]	72.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	34.5	[illegible]	43.1	51.7	[illegible]	[illegible]	64.5	[illegible]	69.4	[illegible]	74.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	34.5	[illegible]	43.1	[illegible]	55.1	[illegible]	64.7	66.7	69.6	71.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	21.1	26.1	35.7	41.9	44.4	53.4	57.7	[illegible]	[illegible]	68.5	71.7	73.3	76.4	77.4	[illegible]
[illegible]	[illegible]	22.2	27.5	[illegible]	43.5	[illegible]	55.0	59.3	[illegible]	[illegible]	[illegible]	73.7	75.2	76.4	[illegible]	[illegible]
[illegible]	[illegible]	23.2	[illegible]	[illegible]	44.5	47.2	56.1	[illegible]	[illegible]	70.2	72.5	[illegible]	77.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.2	[illegible]	[illegible]	44.8	47.4	56.3	61.1	[illegible]	[illegible]	72.7	75.6	77.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.4	[illegible]	39.2	[illegible]	[illegible]	[illegible]	[illegible]	64.7	71.2	73.5	76.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	23.4	[illegible]	39.4	[illegible]	48.1	57.3	[illegible]	[illegible]	71.7	74.1	77.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	29.1	[illegible]	[illegible]	48.5	[illegible]	[illegible]	65.7	72.3	74.7	[illegible]	79.5	[illegible]	[illegible]	[illegible]
[illegible]	16.4	24.1	29.2	[illegible]	[illegible]	48.9	[illegible]	[illegible]	66.1	72.7	[illegible]	[illegible]	79.9	[illegible]	[illegible]	[illegible]
[illegible]	16.4	24.0	29.2	40.4	46.6	49.1	58.5	63.2	66.3	72.9	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	16.4	24.0	29.2	40.4	46.6	49.1	58.5	63.2	66.3	72.9	75.2	78.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	16.4	24.0	29.2	40.4	46.6	49.1	58.5	63.2	66.3	72.9	75.2	78.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	16.4	24.0	29.2	40.4	46.6	49.1	58.5	63.2	66.3	72.9	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	16.4	24.0	29.2	40.4	46.6	49.1	58.5	63.2	66.3	72.9	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

57 WERTHEIM AAF DL 73-81

STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	30	26	20	24	20	22	20	2	20	18	16	14	12	10	8	6
[illegible]	11.2	15.4	17.7	27.1	30.2	33.[illegible]	35.4	36.6	37.5	38.3	38.9	39.3	39.5	39.4	39.4	[illegible]
[illegible]	12.3	17.9	21.1	29.1	34.6	35.4	37.8	39.2	40.1	41.1	41.6	41.5	41.5	42.4	42.5	44.
[illegible]	12.3	17.9	20.1	29.1	34.6	35.4	37.8	39.2	40.1	41.1	41.6	41.5	41.5	42.4	42.5	44.
[illegible]	12.3	17.9	21.1	29.1	34.6	35.4	37.8	39.2	40.1	41.1	41.6	41.5	41.6	42.4	42.5	44.
[illegible]	12.3	17.9	23.1	29.1	34.6	35.4	37.8	39.2	40.1	41.1	41.6	41.5	41.6	42.4	42.5	44.
[illegible]	12.3	18.2	20.4	29.5	35.3	35.7	38.1	39.6	40.5	41.4	42.0	42.0	42.1	42.7	42.5	44.4
[illegible]	13.1	18.4	21.6	29.7	35.2	36.1	38.5	40.3	40.5	41.5	42.4	42.4	42.4	43.1	43.5	44.
[illegible]	13.3	18.5	21.6	29.6	35.4	36.3	38.7	40.1	41.1	42.2	42.5	42.5	42.5	43.7	43.5	44.
[illegible]	14.5	21.3	23.[illegible]	34.[illegible]	[illegible]	42.[illegible]	44.6	46.[illegible]	47.[illegible]	47.9	48.4	48.[illegible]	48.4	49.2	49.4	[illegible]
[illegible]	16.1	23.6	26.5	37.6	44.2	46.[illegible]	49.6	50.6	51.4	52.7	53.6	54.[illegible]	54.3	54.7	55.7	56.
[illegible]	16.2	23.9	26.7	37.8	44.4	46.3	49.8	50.6	51.[illegible]	52.9	53.8	54.3	54.3	55.1	55.4	56.
[illegible]	16.2	24.5	27.4	38.5	[illegible]	47.1	50.5	52.3	53.2	54.5	55.4	56.3	56.2	56.2	57.7	[illegible]
[illegible]	17.1	24.9	27.6	39.3	46.2	48.1	51.6	53.4	54.5	55.8	56.7	57.3	57.3	58.2	58.[illegible]	[illegible]
[illegible]	17.9	26.2	29.7	41.2	[illegible]	[illegible]	54.1	56.4	57.[illegible]	59.1	[illegible]	62.6	62.5	61.7	62.1	63.
[illegible]	19.2	28.4	31.7	45.3	53.8	55.6	59.5	61.9	63.	64.5	65.6	66.1	66.1	67.4	67.8	[illegible]
[illegible]	21.3	32.2	35.5	50.6	59.9	62.2	66.7	69.6	71.1	72.7	74.4	75.	75.7	76.2	75.5	76.
[illegible]	22.5	33.7	37.2	52.5	62.8	65.4	69.8	73.1	74.5	76.2	77.9	78.5	79.5	79.[illegible]	[illegible]	81.
[illegible]	23.0	35.4	39.2	54.5	65.2	67.8	72.4	75.7	77.2	78.6	80.5	81.[illegible]	81.2	82.5	82.3	84.
[illegible]	23.7	35.9	39.8	55.2	65.9	68.5	73.3	76.6	78.1	79.9	81.6	82.1	82.1	83.5	84.[illegible]	85.
[illegible]	24.5	37.4	41.3	56.7	67.4	71.2	75.1	78.5	79.9	81.8	83.4	84.	84.2	85.5	85.5	87.
[illegible]	24.9	38.5	42.7	58.6	69.6	72.4	77.3	81.7	82.3	84.2	85.8	86.4	86.4	87.5	88.2	89.
[illegible]	25.6	39.3	44.2	60.0	71.5	74.2	79.2	82.5	84.2	86.2	87.8	88.4	88.4	9[illegible].1	[illegible]	91.
[illegible]	25.6	41.3	44.4	61.6	72.9	74.8	79.7	83.1	84.7	86.7	88.4	89.2	89.2	90.5	91.2	[illegible]
[illegible]	25.8	41.1	44.6	67.8	72.2	75.[illegible]	79.9	83.4	85.1	87.1	88.8	89.3	89.3	91.2	91.5	[illegible]
[illegible]	25.1	40.3	44.8	61.3	72.4	75.1	80.1	83.6	85.3	87.3	89.	89.5	89.5	91.5	91.9	93.4
[illegible]	25.1	40.5	44.9	61.3	72.7	75.5	80.7	84.2	85.9	87.8	89.5	9[illegible].1	[illegible].1	92.1	92.4	93.5
[illegible]	25.1	40.5	45.1	61.5	73.1	75.9	81.2	84.7	85.4	88.6	90.2	9[illegible].8	91.9	93.[illegible]	93.4	[illegible]
[illegible]	26.1	40.5	45.1	61.5	73.1	75.9	81.2	84.7	86.4	88.6	90.2	90.8	91.9	93.2	93.4	95.
[illegible]	26.1	40.5	45.1	61.5	73.1	75.9	81.2	84.7	86.4	88.6	90.2	91.3	91.3	93.9	94.5	96.
[illegible]	26.1	40.5	45.1	61.5	73.1	75.9	81.2	84.7	85.4	88.6	9[illegible].2	91.	91.3	94.3	94.8	98.2
[illegible]	26.1	40.5	45.1	61.5	73.1	75.9	81.2	84.7	86.4	88.6	90.2	91.	91.3	94.3	94.8	99.
[illegible]	26.1	40.5	45.1	61.5	73.1	75.9	81.2	84.7	86.4	88.6	90.2	91.	91.3	94.5	95.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 3[illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION WERTHEIM AAF [illegible] STATION NAME 73-[illegible] YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

[illegible]	≥[illegible]	≥6	≥5	≥4	≥3	≥2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	37.3	41.5	[illegible]	47.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.4	33.9	37.5	43.7	46.3	46.7	[illegible]	47.2	47.2	47.2	47.2	47.4	47.4	47.5	[illegible]	[illegible]
[illegible]	23.9	34.1	[illegible]	43.9	46.5	46.5	47.2	47.4	47.4	47.4	47.4	47.5	47.5	[illegible]	[illegible]	[illegible]
[illegible]	23.9	34.1	[illegible]	43.9	46.5	46.9	47.2	47.4	47.4	47.4	47.4	47.6	47.6	[illegible]	[illegible]	[illegible]
[illegible]	23.3	34.3	39.7	44.1	46.7	47.0	47.4	47.6	47.6	47.6	47.6	47.6	47.9	[illegible]	[illegible]	[illegible]
[illegible]	23.4	34.3	39.6	44.5	47.2	47.6	[illegible]	48.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	24.1	34.5	39.7	44.8	47.6	[illegible]	[illegible]	48.5	[illegible]	48.5	48.5	48.7	48.7	[illegible]	[illegible]	[illegible]
[illegible]	24.4	35.6	40.2	46.1	[illegible]	49.3	49.6	49.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	26.3	39.1	43.7	52.6	53.7	54.1	54.4	55.2	[illegible]	55.2	[illegible]	55.4	55.4	55.4	55.4	[illegible]
[illegible]	26.8	43.4	45.1	56.6	57.8	[illegible]	[illegible]	61.3	61.3	61.3	61.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	43.7	[illegible]	57.7	[illegible]	61.3	61.5	62.5	[illegible]	62.5	62.7	63.1	63.1	63.1	63.1	63.1
[illegible]	[illegible]	44.6	[illegible]	58.7	61.8	[illegible]	62.7	[illegible]	[illegible]	[illegible]	63.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	30.2	[illegible]	[illegible]	[illegible]	62.4	62.7	63.7	[illegible]	[illegible]	[illegible]	64.2	[illegible]	64.5	[illegible]	[illegible]	[illegible]
[illegible]	31.7	46.7	52.8	61.6	65.1	65.5	[illegible]	[illegible]	[illegible]	66.3	[illegible]	67.3	67.3	[illegible]	[illegible]	[illegible]
[illegible]	34.7	[illegible]	57.4	65.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.1	72.5	72.5	72.5	72.5	[illegible]
[illegible]	[illegible]	57.2	66.2	[illegible]	81.2	81.5	82.7	[illegible]	[illegible]	[illegible]	84.1	84.5	84.5	[illegible]	[illegible]	[illegible]
[illegible]	42.1	[illegible]	68.5	79.7	83.6	84.1	85.2	86.5	[illegible]	86.5	86.7	87.1	87.1	87.1	87.1	[illegible]
[illegible]	44.5	[illegible]	72.1	83.4	87.8	88.2	[illegible]	91.1	91.1	91.1	91.3	91.7	91.7	91.7	91.7	[illegible]
[illegible]	[illegible]	63.7	73.7	84.1	89.6	[illegible]	90.4	92.1	92.1	92.1	92.3	[illegible]	92.9	[illegible]	[illegible]	[illegible]
[illegible]	45.4	64.2	74.5	[illegible]	[illegible]	[illegible]	[illegible]	94.5	[illegible]	94.5	94.6	[illegible]	95.2	95.2	95.2	[illegible]
[illegible]	46.3	65.2	76.1	87.6	92.4	92.6	[illegible]	96.7	[illegible]	96.9	[illegible]	[illegible]	97.6	97.6	97.6	[illegible]
[illegible]	47.1	66.4	76.2	[illegible]	92.8	93.2	95.2	[illegible]	[illegible]	97.2	97.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47.1	66.4	76.2	[illegible]	92.8	93.2	95.2	97.2	[illegible]	97.2	97.4	98.	98.	98.	98.	98.
[illegible]	47.1	66.4	76.2	[illegible]	92.9	[illegible]	95.4	97.4	97.4	97.4	97.6	98.2	98.5	[illegible]	[illegible]	[illegible]
[illegible]	47.1	66.4	76.2	88.2	93.1	93.4	95.6	97.3	97.8	97.8	[illegible]	98.5	98.9	99.1	[illegible]	[illegible]
[illegible]	47.1	66.4	76.2	88.2	93.2	93.5	95.8	98.1	[illegible]	[illegible]	98.2	98.7	99.1	99.3	99.7	[illegible]
[illegible]	47.1	66.4	76.2	88.2	93.2	93.5	95.8	98.1	98.	98.2	98.3	98.9	99.3	99.4	99.4	99.4
[illegible]	47.1	66.4	76.2	88.2	93.2	93.5	95.8	98.1	98.	98.2	98.3	98.9	99.6	[illegible]	[illegible]	[illegible]
[illegible]	47.1	66.4	76.2	88.2	93.2	93.5	95.8	98.1	[illegible]	98.2	98.3	98.9	99.6	[illegible]	[illegible]	[illegible]
[illegible]	47.1	66.4	76.2	88.2	93.2	93.5	95.8	98.1	[illegible]	98.2	98.3	98.9	99.6	[illegible]	[illegible]	[illegible]
[illegible]	47.1	66.4	76.2	88.2	93.2	93.5	95.8	98.1	[illegible]	[illegible]	98.3	98.9	99.6	[illegible]	[illegible]	[illegible]
[illegible]	47.1	66.4	76.2	88.2	93.2	93.5	95.8	98.1	[illegible]	98.2	98.3	98.9	99.6	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WESTHEIM AAF AL [illegible]
PERIOD STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER [illegible]/MAC

CEILING VERSUS VISIBILITY

[illegible] AFWTHES AAF OL [illegible]

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

	26	25	24	23	22	21																		
	[illegible]	[illegible]	11.0	11.7	12.1	14.1	15.[illegible]	15.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	7.4	[illegible]	[illegible]	13.2	15.2	16.4	15.[illegible]	17.1	17.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	7.5	[illegible]	[illegible]	13.2	15.4	15.3	16.4	17.1	17.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	7.5	[illegible]	[illegible]	13.2	15.4	15.7	16.4	17.[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	7.6	[illegible]	[illegible]	13.4	15.5	15.6	16.6	17.5	17.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	7.5	[illegible]	13.2	15.5	15.7	16.[illegible]	17.[illegible]	17.[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	7.6	[illegible]	13.7	14.1	14.3	16.4	17.5	17.7	18.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	17.[illegible]	[illegible]	[illegible]	16.7	18.4	19.5	19.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	11.[illegible]	11.7	19.3	19.7	19.5	22.7	24.[illegible]	24.[illegible]	25.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	11.5	19.7	19.3	19.7	19.9	23.7	24.2	24.4	25.2	25.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	11.7	14.[illegible]	[illegible]	[illegible]	[illegible]	23.5	24.7	25.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	11.7	14.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25.7	[illegible]	26.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1.3	1.2	[illegible]	[illegible]	[illegible]	24.2	25.6	25.[illegible]	[illegible]	27.1	27.4	27.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	14.5	17.7	23.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.2	31.2	33.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	17.7	22.2	[illegible]	[illegible]	[illegible]	[illegible]	39.2	[illegible]	[illegible]	42.4	43.5	44.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	24.[illegible]	[illegible]	[illegible]	34.7	39.4	42.2	47.6	45.2	46.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	25.7	34.7	37.1	38.[illegible]	41.5	45.5	45.7	48.6	49.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	38.4	38.5	37.2	42.2	46.[illegible]	46.7	49.5	49.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	35.7	37.2	37.7	43.2	46.7	47.7	53.5	51.1	52.5	53.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.2	41.7	47.5	51.6	52.7	55.5	57.7	56.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	43.5	44.2	[illegible]	55.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.5	44.2	[illegible]	55.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.5	44.5	51.5	56.7	[illegible]	[illegible]	61.5	63.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.7	44.5	45.5	52.5	57.4	[illegible]	[illegible]	[illegible]	64.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.7	44.5	45.5	52.7	57.6	57.[illegible]	62.6	63.2	65.2	65.4	71.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.7	44.5	45.7	52.9	[illegible]	[illegible]	[illegible]	63.4	65.5	66.[illegible]	72.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.7	44.5	45.7	53.1	[illegible]	[illegible]	[illegible]	63.4	66.1	67.3	[illegible]	74.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.7	44.5	45.7	53.2	58.1	[illegible]	63.5	64.1	66.4	68.2	74.2	75.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.7	44.5	45.7	53.2	58.1	[illegible]	63.5	64.1	66.4	68.2	74.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.7	44.5	45.7	53.2	58.1	[illegible]	63.5	64.1	66.4	68.2	74.[illegible]	77.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.7	44.5	45.7	53.2	58.1	[illegible]	63.5	64.1	66.4	68.2	74.9	77.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 77 [illegible] STATION NAME [illegible] 73-[illegible] YEAR [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]

[illegible]	2	26	4	24	[illegible]	2	[illegible]	2	24	[illegible]	24	[illegible]	2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	17.6	17.6	17.1	15.4	15.7	[illegible]	21.7	22.2	22.7	22.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	19.2	[illegible]	[illegible]	[illegible]	[illegible]	26.4	22.[illegible]	24.1	24.7	24.4	24.5	25.4	25.4	[illegible]
[illegible]	[illegible]	[illegible]	15.6	[illegible]	27.6	[illegible]	27.5	23.6	23.7	[illegible]	27.4	25.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	15.7	22.4	[illegible]	[illegible]	22.5	27.4	23.7	[illegible]	[illegible]	22.7	[illegible]	24.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	17.4	[illegible]	[illegible]	[illegible]	22.7	23.3	24.1	25.4	25.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.8	24.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	15.7	[illegible]	[illegible]	21.5	21.6	22.4	24.5	24.7	26.1	24.7	[illegible]	[illegible]	27.1	[illegible]	[illegible]
[illegible]	17.3	15.7	21.1	21.8	22.2	23.5	24.3	25.2	26.4	26.4	[illegible]	[illegible]	27.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	17.3	24.1	24.8	26.2	27.3	[illegible]	24.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	17.7	[illegible]	25.3	27.5	[illegible]	[illegible]	31.4	32.1	33.2	27.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	17.[illegible]	21.1	[illegible]	27.7	26.2	[illegible]	31.7	37.[illegible]	33.7	37.[illegible]	34.2	34.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	21.5	27.5	[illegible]	29.7	31.4	32.4	37.[illegible]	34.4	34.5	34.5	37.3	[illegible]	35.1	37.[illegible]
[illegible]	[illegible]	21.5	27.5	[illegible]	30.7	31.7	32.[illegible]	33.7	34.[illegible]	34.7	35.1	[illegible]	36.7	[illegible]	[illegible]
[illegible]	[illegible]	22.3	[illegible]	[illegible]	[illegible]	32.8	33.[illegible]	34.4	35.[illegible]	36.[illegible]	36.5	38.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.4	[illegible]	[illegible]	[illegible]	31.6	35.6	36.9	37.4	39.[illegible]	39.5	41.1	[illegible]	41.7	41.[illegible]
27.[illegible]	23.5	27.4	35.1	38.3	38.[illegible]	43.4	45.2	45.[illegible]	45.[illegible]	45.5	45.5	47.8	51.2	[illegible]	[illegible]
[illegible]	25.1	27.1	36.7	39.7	[illegible]	45.2	47.2	47.[illegible]	51.7	51.4	[illegible]	52.3	[illegible]	57.[illegible]	[illegible]
[illegible]	[illegible]	31.3	41.1	42.9	44.5	47.8	52.1	57.7	55.7	56.6	57.2	57.6	[illegible]	[illegible]	[illegible]
[illegible]	27.1	31.7	41.5	47.6	45.2	[illegible]	53.1	57.7	56.7	57.8	58.1	59.9	[illegible]	[illegible]	[illegible]
[illegible]	27.9	37.1	47.[illegible]	47.7	46.6	52.3	55.1	55.7	57.2	[illegible]	[illegible]	61.3	[illegible]	[illegible]	[illegible]
[illegible]	29.3	34.1	41.[illegible]	45.8	51.7	56.4	59.4	61.1	64.[illegible]	65.1	66.[illegible]	66.7	68.1	[illegible]	69.[illegible]
[illegible]	32.7	35.5	41.[illegible]	51.4	53.9	[illegible]	63.7	64.5	69.[illegible]	70.7	71.1	72.2	73.5	74.1	[illegible]
23.9	31.3	35.7	41.9	51.1	54.6	57.8	64.4	65.2	7[illegible].2	71.5	72.5	77.6	75.4	75.7	77.1
23.1	31.3	35.7	45.3	52.5	55.3	61.5	65.1	65.1	71.3	72.5	73.3	74.8	76.6	77.1	[illegible]
23.3	31.4	36.5	49.6	53.7	55.5	62.2	65.3	67.[illegible]	72.2	73.6	74.6	76.1	78.7	79.9	[illegible]
23.3	31.4	36.5	49.8	53.7	55.7	62.9	66.3	67.4	72.5	74.5	76.1	77.3	80.[illegible]	80.7	[illegible]
23.3	31.4	36.5	49.8	53.7	55.7	62.9	66.5	67.7	73.2	75.2	76.4	77.9	80.7	81.4	[illegible]
23.3	31.4	36.5	50.3	53.4	56.3	63.1	67.2	68.5	74.5	75.6	79.1	[illegible]	83.7	84.6	[illegible]
23.3	31.4	36.5	50.3	53.4	56.3	63.1	67.4	69.7	75.[illegible]	77.1	[illegible]	81.5	86.[illegible]	87.7	[illegible]
23.3	31.4	36.5	[illegible]	53.4	56.3	63.1	67.4	69.7	75.[illegible]	77.1	[illegible]	81.6	86.2	87.6	[illegible]
23.3	31.4	36.5	[illegible]	53.4	56.[illegible]	63.1	67.4	69.[illegible]	75.2	77.2	[illegible]	81.9	86.5	88.1	[illegible]
23.3	31.4	36.5	[illegible]	53.4	56.3	63.1	67.4	69.[illegible]	75.2	77.2	[illegible]	81.9	86.5	88.1	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

57 WERTHEIM AAF GE 75-81

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

VISIBILITY (STATUTE MILES)

[illegible]	[illegible]	≥6	[illegible]	≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	22.7	23.9	24.7	29.7	30.1	30.2	31.0	31.2	31.4	31.4	31.4	31.4	31.4	[illegible]	[illegible]	[illegible]
[illegible]	22.7	27.3	28.9	33.4	34.3	35.3	35.3	36.2	36.7	36.7	36.7	36.7	36.7	[illegible]	[illegible]	[illegible]
[illegible]	22.7	27.3	28.9	35.0	35.3	35.3	36.3	36.5	36.8	36.9	36.9	36.9	36.9	[illegible]	[illegible]	[illegible]
[illegible]	22.7	27.3	28.9	35.4	35.7	35.7	35.7	36.6	37.0	37.0	37.0	37.0	37.0	37.4	37.4	37.4
[illegible]	22.7	27.3	28.9	35.7	36.1	36.4	37.0	37.2	37.4	37.5	37.6	37.6	37.6	37.6	[illegible]	[illegible]
[illegible]	23.4	27.8	29.5	35.5	36.8	36.8	37.8	38.4	38.7	38.8	38.8	38.8	38.8	39.5	39.7	[illegible]
[illegible]	23.7	29.6	30.3	37.2	37.6	37.8	38.5	38.7	39.1	39.1	39.1	39.1	39.1	39.1	[illegible]	[illegible]
[illegible]	24.4	29.3	31.1	37.4	38.3	38.3	38.3	39.5	39.5	39.5	39.5	39.5	39.8	[illegible]	[illegible]	[illegible]
[illegible]	26.1	33.6	35.7	39.3	39.8	39.8	40.3	41.4	41.4	41.4	41.4	41.4	41.4	41.7	[illegible]	[illegible]
[illegible]	27.1	33.5	37.5	43.4	43.6	43.6	44.7	45.3	45.7	45.7	45.7	45.7	45.7	46.2	46.4	[illegible]
[illegible]	29.1	34.0	37.7	43.6	44.2	44.2	45.3	45.9	46.2	46.2	46.2	46.2	46.2	46.[illegible]	47.[illegible]	47.[illegible]
[illegible]	29.7	35.7	37.5	45.3	45.9	46.1	47.2	47.7	48.1	48.1	48.1	48.1	48.1	48.7	48.9	[illegible]
[illegible]	30.1	35.9	37.9	45.5	46.2	46.4	47.6	48.1	48.5	48.5	48.5	48.5	48.5	49.1	[illegible]	[illegible]
[illegible]	32.5	39.7	41.0	48.9	49.8	50.3	51.1	51.7	52.1	52.1	52.1	52.1	52.1	52.5	52.5	[illegible]
[illegible]	35.7	44.0	47.1	55.5	56.5	57.0	58.1	59.0	59.4	59.4	59.4	59.4	59.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	50.4	53.0	66.4	67.7	68.2	69.5	70.7	71.5	71.5	71.5	71.5	71.5	72.0	72.4	[illegible]
[illegible]	42.5	53.5	57.7	70.0	72.6	73.1	74.4	75.6	76.7	76.7	76.7	76.7	76.7	77.0	77.4	77.[illegible]
[illegible]	43.4	55.6	60.2	73.7	75.9	76.7	78.9	80.1	81.0	81.0	81.0	81.0	81.0	[illegible]	[illegible]	[illegible]
[illegible]	43.5	55.6	60.9	74.1	76.3	77.1	79.1	80.5	81.4	81.4	81.4	81.4	81.4	[illegible]	[illegible]	[illegible]
[illegible]	44.4	56.4	60.7	74.8	77.1	77.8	80.8	82.3	83.3	83.3	83.3	83.3	83.5	84.[illegible]	[illegible]	[illegible]
[illegible]	44.7	57.0	61.3	76.7	77.1	79.9	83.5	85.7	86.7	86.7	86.7	86.7	86.8	87.4	87.6	[illegible]
[illegible]	44.7	57.0	61.3	77.3	77.7	80.6	84.4	87.4	88.5	89.1	89.1	89.3	89.5	[illegible]	[illegible]	[illegible]
[illegible]	44.7	57.0	61.3	77.3	79.7	80.6	85.9	88.9	[illegible]	90.5	90.6	90.6	91.[illegible]	91.7	[illegible]	[illegible]
[illegible]	44.7	57.0	61.3	77.6	80.1	81.2	86.7	89.8	91.0	91.7	91.7	91.9	92.1	[illegible]	[illegible]	[illegible]
[illegible]	44.7	57.0	61.3	77.6	80.1	81.2	86.7	90.2	91.4	92.7	92.7	92.9	93.2	94.4	[illegible]	[illegible]
[illegible]	44.7	57.0	61.3	77.6	80.1	81.2	86.7	90.6	[illegible]	93.4	93.4	93.6	[illegible]	95.1	[illegible]	[illegible]
[illegible]	44.7	57.0	61.3	77.6	80.3	81.4	86.8	91.5	[illegible]	94.5	94.5	94.7	95.1	96.4	[illegible]	[illegible]
[illegible]	44.7	57.0	61.3	77.6	80.3	81.4	86.8	91.5	[illegible]	95.3	95.5	95.9	96.2	[illegible]	[illegible]	[illegible]
[illegible]	44.7	57.0	61.3	77.6	80.3	81.4	86.8	91.5	[illegible]	95.5	95.7	96.1	96.4	[illegible]	99.4	[illegible]
[illegible]	44.7	57.0	61.3	77.6	80.3	81.4	86.8	91.5	[illegible]	95.5	95.7	96.1	96.4	98.9	99.4	[illegible]
[illegible]	44.7	57.0	61.3	77.6	80.3	81.4	86.5	91.5	[illegible]	95.5	95.7	96.1	96.4	98.9	99.4	[illegible]
[illegible]	44.7	57.0	61.3	77.6	80.3	81.4	86.8	91.5	[illegible]	95.5	95.7	96.1	96.4	98.9	99.4	[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]BAL CLIMATOLOGY BRANCH
[illegible]AFETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible]RTHE[illegible] AAF [illegible]
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11.7	13.0	14.[illegible]	17.0	17.7	17.7	18.9	19.1	19.7	19.7	[illegible]	[illegible]	20.7	20.7	[illegible]	[illegible]
11.1	14.0	14.6	16.3	17.7	15.7	19.9	[illegible]	[illegible]	[illegible]	21.4	21.5	21.8	21.[illegible]	[illegible]	[illegible]
11.0	14.0	14.6	16.3	1[illegible].7	15.7	19.9	[illegible]	[illegible]	[illegible]	21.4	21.5	21.8	21.	[illegible]	[illegible]
11.1	14.0	14.6	16.3	17.7	15.7	19.9	20.1	20.7	[illegible]	21.4	21.5	21.8	21.[illegible]	21.[illegible]	22.[illegible]
11.0	14.0	14.6	16.3	1[illegible].7	15.7	19.9	20.1	20.7	20.9	21.4	21.5	21.8	21.[illegible]	21.[illegible]	[illegible]
11.1	14.0	14.6	16.3	1[illegible].7	15.7	19.9	20.1	20.7	20.9	21.4	21.5	21.5	21.[illegible]	21.5	22.[illegible]
11.1	14.6	17.2	18.9	1[illegible].3	19.3	2[illegible].5	20.7	21.1	21.6	22.4	22.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11.1	14.6	17.2	18.9	19.3	19.3	2[illegible].5	20.7	21.1	[illegible]	22.4	[illegible]	22.8	[illegible]	[illegible]	[illegible]
13.0	17.0	19.6	22.4	2[illegible].[illegible]	22.5	24.6	25.0	25.[illegible]	26.5	27.1	27.[illegible]	27.[illegible]	27.7	[illegible]	[illegible]
14.1	18.0	21.1	24.0	2[illegible].1	2[illegible].1	26.9	27.3	27.[illegible]	[illegible]	[illegible]	[illegible]	32.2	32.4	[illegible]	[illegible]
1[illegible].1	18.5	21.7	25.[illegible]	25.3	25.5	27.1	27.5	28.[illegible]	[illegible]	30.[illegible]	32.4	32.4	33.[illegible]	33.[illegible]	[illegible]
1[illegible].4	18.9	21.[illegible]	[illegible]	25.7	25.7	27.5	27.[illegible]	28.[illegible]	[illegible]	[illegible]	[illegible]	32.5	31.[illegible]	31.[illegible]	[illegible]
1[illegible].4	18.9	21.6	25.3	25.7	25.7	27.5	27.[illegible]	28.[illegible]	[illegible]	3[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	19.7	22.4	26.1	[illegible]	[illegible]	28.7	29.[illegible]	[illegible]	[illegible]	32.4	32.5	32.9	33.[illegible]	33.7	34.[illegible]
17.9	21.[illegible]	25.1	[illegible]	29.4	[illegible]	[illegible]	32.[illegible]	33.1	[illegible]	35.9	35.5	35.5	37.	37.[illegible]	[illegible]
27.1	29.9	33.1	[illegible]	[illegible].9	41.7	47.6	46.4	47.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.[illegible]	[illegible]	[illegible]
24.[illegible]	30.2	35.7	43.9	4[illegible].4	45.4	51.7	[illegible]	[illegible]	55.1	[illegible]	57.[illegible]	53.3	56.[illegible]	[illegible]	[illegible]
26.3	32.7	3[illegible].6	47.8	4[illegible].3	[illegible].3	55.1	57.[illegible]	58.7	[illegible]	62.[illegible]	63.7	64.1	65.5	[illegible]	[illegible]
26.[illegible]	33.3	37.4	4[illegible].7	5[illegible].7	[illegible]	57.1	[illegible]	60.	[illegible]	64.7	65.3	6[illegible].7	67.1	67.4	[illegible]
[illegible]	34.9	41.3	[illegible]	52.2	[illegible]	[illegible]	[illegible]	62.[illegible]	66.[illegible]	67.7	[illegible]	[illegible]	7[illegible]	[illegible]	71.[illegible]
[illegible]	37.8	45.[illegible]	55.4	5[illegible].1	[illegible].5	[illegible]	65.6	67.4	74.9	75.5	7[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	[illegible]
31.4	[illegible]	45.[illegible]	56.5	[illegible].3	[illegible].6	67.4	7[illegible]	71.	76.6	77.9	[illegible]	7[illegible].1	[illegible]	81.[illegible]	[illegible]
31.4	3[illegible].6	45.7	56.7	5[illegible].7	[illegible]	67.8	7[illegible]	71.[illegible]	77.6	79.[illegible]	7[illegible].5	7[illegible]	81.[illegible]	81.9	[illegible]
31.4	3[illegible]	45.7	56.9	5[illegible].9	[illegible]	69.4	71.9	72.7	76.8	79.7	[illegible].7	81.1	[illegible]	[illegible]	[illegible]
31.4	3[illegible].2	45.6	57.7	5[illegible].6	61.[illegible]	69.4	72.7	73.9	80.3	81.[illegible]	82.3	82.8	85.[illegible]	[illegible]	[illegible]
31.4	39.2	45.5	57.7	59.8	61.6	7[illegible].2	73.7	75.[illegible]	81.5	8[illegible]	[illegible].4	84.[illegible]	86.2	86.5	[illegible]
31.4	39.2	45.6	57.7	6[illegible].2	[illegible]	71.9	75.4	77.	83.8	84.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32.1	39.4	45.[illegible]	57.9	[illegible].4	[illegible]	72.1	75.6	77.4	84.4	85.4	86.7	87.5	89.7	[illegible]	[illegible]
32.1	[illegible].4	45.[illegible]	57.[illegible]	[illegible].4	[illegible]	72.1	75.[illegible]	77.4	84.4	85.[illegible]	87.7	[illegible].7	[illegible].6	[illegible]	[illegible]
32.1	[illegible].4	4[illegible]	57.9	[illegible].4	[illegible]	72.1	75.8	77.4	84.4	85.[illegible]	[illegible]	89.1	[illegible]	[illegible]	[illegible]
32.1	3[illegible].4	46.[illegible]	57.9	6[illegible].4	[illegible]	72.1	75.8	77.4	84.4	[illegible]	86.1	87.1	92.[illegible]	[illegible]	[illegible]
32.1	3[illegible].4	46.[illegible]	57.9	6[illegible].4	[illegible]	72.1	75.8	77.4	84.4	85.8	8[illegible].1	87.1	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] NORTHEIM AAF [illegible] 72-[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]	13.4	14.4	15.7	19.1	19.5	17.6	19.6	19.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.1	16.7	19.[illegible]	[illegible]	[illegible]	21.5	21.5	22.1	22.5	22.7	22.9	22.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.1	16.7	19.2	21.8	20.8	21.2	22.1	22.7	22.7	22.9	23.1	23.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.1	15.7	19.2	21.6	20.8	21.2	22.1	22.7	22.7	22.9	23.1	23.1	23.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.1	15.7	19.2	21.6	20.8	21.2	22.1	22.7	22.7	22.9	23.1	23.1	23.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.3	16.5	19.4	[illegible]	21.[illegible]	21.4	22.1	22.5	22.5	22.9	23.1	23.1	23.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.3	16.5	19.4	[illegible]	21.[illegible]	21.4	22.3	22.5	22.[illegible]	23.1	23.3	23.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.3	16.6	20.[illegible]	21.4	21.6	21.9	22.9	23.1	23.5	23.7	23.9	23.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13.3	17.1	19.[illegible]	22.5	24.1	24.3	25.6	26.8	27.[illegible]	27.4	27.5	27.5	27.5	27.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15.1	17.4	21.2	24.9	27.4	28.6	29.5	29.9	30.7	30.7	31.1	31.1	31.1	31.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15.5	17.8	21.[illegible]	25.4	27.[illegible]	27.[illegible]	29.1	30.5	30.[illegible]	31.[illegible]	31.7	31.9	31.9	32.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15.5	17.8	21.[illegible]	25.4	27.[illegible]	27.[illegible]	29.1	[illegible]	30.[illegible]	31.[illegible]	31.7	31.9	31.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15.5	17.8	21.[illegible]	25.4	27.[illegible]	27.2	29.1	30.5	31.[illegible]	31.[illegible]	31.7	31.9	31.9	32.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15.3	21.4	23.5	27.6	29.5	29.7	31.7	33.2	33.4	34.4	34.6	35.1	35.1	35.5	35.5	[illegible]	[illegible]	[illegible]	[illegible]
17.7	25.3	25.6	30.3	33.2	33.6	35.7	37.5	37.[illegible]	38.9	39.2	39.5	39.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19.4	28.[illegible]	29.5	35.3	38.6	39.6	42.3	44.3	44.7	46.5	47.2	47.6	48.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21.9	29.7	33.5	[illegible]	44.1	46.4	49.5	51.7	51.1	53.2	53.4	[illegible]	54.6	55.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23.9	32.2	36.5	[illegible]	48.7	51.1	54.2	57.1	57.5	58.6	[illegible]	61.[illegible]	61.6	62.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24.3	32.2	37.7	47.[illegible]	51.3	52.6	55.9	58.8	59.4	61.7	62.1	62.9	63.5	64.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24.4	34.6	39.4	47.3	53.8	55.1	59.6	62.5	63.1	[illegible]	66.4	67.2	[illegible]	68.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27.4	36.4	43.7	54.4	57.8	61.2	66.8	69.7	70.7	73.8	74.2	75.[illegible]	75.5	76.5	76.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	37.2	44.5	55.3	61.2	62.5	69.1	72.[illegible]	72.6	76.[illegible]	77.1	77.9	78.4	79.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27.7	39.6	45.9	56.3	67.3	68.7	71.5	73.5	74.[illegible]	77.9	78.6	79.4	[illegible]	81.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29.[illegible]	40.3	45.9	57.7	65.7	68.2	72.2	75.3	75.9	79.6	[illegible]	81.2	81.7	82.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29.3	40.2	46.2	57.1	64.1	65.6	73.2	76.1	77.3	81.2	81.9	82.9	83.7	84.7	84.9	[illegible]	[illegible]	[illegible]	[illegible]
29.7	41.6	46.4	58.8	64.9	66.4	74.2	77.3	78.4	82.5	83.5	84.5	85.2	86.4	86.4	[illegible]	[illegible]	[illegible]	[illegible]
29.9	41.[illegible]	46.6	59.2	65.6	67.2	75.5	79.[illegible]	79.4	84.5	85.5	86.6	87.5	88.7	88.7	[illegible]	[illegible]	[illegible]	[illegible]
29.9	40.3	46.6	59.2	65.6	67.2	75.5	79.[illegible]	80.[illegible]	85.6	87.[illegible]	88.2	89.5	89.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29.9	40.8	46.6	59.4	65.8	67.4	75.7	79.2	81.[illegible]	86.2	88.[illegible]	89.5	90.[illegible]	92.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29.9	40.8	46.6	59.4	65.8	67.4	75.7	79.2	81.[illegible]	86.2	88.[illegible]	89.5	90.5	92.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29.9	40.8	46.6	59.4	65.8	67.4	75.7	79.2	81.[illegible]	86.2	88.[illegible]	89.5	90.5	92.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION NAME [illegible] 73-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]

[illegible]	26	25	24	[illegible]	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	22.4	22.6	23.7	23.2	23.7	23.4	23.6	23.3	23.7	23.7	[illegible]	[illegible]
[illegible]	21.6	22.6	23.6	25.5	25.7	26.3	26.5	25.7	26.7	26.7	27.1	27.4	27.4	27.3	27.[illegible]
[illegible]	22.2	23.6	24.4	26.1	26.3	26.9	27.1	27.1	27.3	27.5	27.7	27.7	27.7	27.9	[illegible]
27.1	22.6	23.5	24.4	26.1	26.3	26.9	27.1	27.1	27.3	27.5	27.7	27.7	27.7	27.9	[illegible]
27.1	22.2	23.5	24.4	26.1	26.3	26.9	27.1	27.1	27.3	27.5	27.7	27.7	27.7	27.9	[illegible]
[illegible]	24.6	24.4	25.3	27.1	27.3	27.9	28.1	28.1	28.3	28.5	28.7	28.7	28.7	28.8	[illegible]
[illegible]	23.5	24.4	25.5	27.1	27.3	27.9	28.1	28.1	28.3	28.5	28.7	28.7	28.7	28.8	[illegible]
[illegible]	23.4	25.7	25.9	27.7	27.9	28.6	28.7	28.7	28.6	29.1	29.2	29.2	29.4	29.4	[illegible]
[illegible]	26.9	27.5	29.4	31.4	31.6	32.4	32.6	32.6	32.7	33.5	33.1	33.1	33.1	33.7	[illegible]
22.1	29.2	31.5	31.6	34.1	34.3	35.1	35.3	35.7	35.6	35.7	35.9	35.9	36.1	36.1	[illegible]
27.4	29.4	31.1	32.1	34.3	34.5	35.3	35.5	35.5	35.7	35.9	36.1	36.1	36.1	36.7	[illegible]
23.1	29.6	31.2	32.2	34.5	34.7	35.5	35.7	35.7	35.9	36.1	36.3	36.3	36.2	36.5	[illegible]
24.1	30.6	32.7	33.1	35.5	35.7	36.5	36.6	36.6	36.8	37.	37.2	37.2	37.2	37.4	[illegible]
27.3	33.9	34.7	35.7	38.2	38.4	39.2	39.4	39.4	40.2	42.4	42.5	42.5	42.5	42.7	[illegible]
29.1	35.5	37.4	41.2	44.2	45.1	46.2	46.6	46.6	47.4	47.8	48.7	48.7	48.7	49.1	[illegible]
33.1	41.7	42.2	45.6	53.5	54.5	53.6	54.2	54.2	55.2	55.4	55.6	55.6	55.6	56.1	[illegible]
34.7	44.1	46.1	49.1	54.9	55.2	57.5	58.3	58.3	59.1	59.4	6[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36.1	46.6	48.2	53.4	61.9	63.2	63.2	63.2	64.1	64.9	65.5	66.1	66.1	66.1	66.7	[illegible]
37.4	48.3	57.5	55.4	5[illegible].6	62.2	65.1	66.5	66.7	67.6	68.2	6[illegible].6	68.8	68.8	69.	[illegible]
37.8	51.5	54.2	6[illegible]	65.7	67.1	7[illegible]	71.5	71.5	73.1	73.7	74.3	74.3	74.3	74.5	[illegible]
43.1	55.1	57.7	63.7	69.6	71.5	74.7	75.4	77.[illegible]	75.6	79.1	8[illegible].1	[illegible]	[illegible]	87.7	[illegible]
44.5	56.7	59.[illegible]	66.1	71.9	73.9	77.4	79.1	79.7	81.3	81.9	82.5	82.6	82.[illegible]	87.7	[illegible]
45.4	57.5	61.1	65.2	74.1	76.[illegible]	79.5	81.3	81.9	83.4	84.	85.[illegible]	85.[illegible]	85.	85.7	[illegible]
45.1	57.9	61.4	67.6	74.5	76.4	8[illegible].1	82.5	83.7	84.6	85.2	86.2	86.2	86.1	85.4	[illegible]
46.1	58.5	62.1	69.4	77.4	77.4	81.3	84.[illegible]	84.8	86.4	86.9	88.1	88.1	89.1	88.3	[illegible]
46.1	59.9	62.4	7[illegible].6	78.8	78.8	87.8	86.[illegible]	87.1	88.9	89.5	91.8	91.2	91.2	91.4	[illegible]
46.1	59.9	62.4	7[illegible].0	77.7	78.9	87.[illegible]	86.4	87.5	9[illegible].6	91.2	92.5	93.	93.[illegible]	93.7	[illegible]
46.1	59.1	62.4	71.2	77.6	79.5	83.6	87.1	88.3	91.8	92.6	94.	94.3	94.5	94.7	[illegible]
46.3	59.1	62.[illegible]	71.2	77.6	79.5	83.6	87.1	88.3	92.[illegible]	93.[illegible]	94.7	95.5	95.7	96.3	[illegible]
46.1	59.1	62.[illegible]	71.2	77.6	79.5	83.[illegible]	87.1	88.3	92.[illegible]	93.[illegible]	94.7	95.5	96.1	96.7	[illegible]
46.3	59.1	62.6	71.2	77.6	79.5	83.6	87.1	88.3	92.[illegible]	93.[illegible]	94.7	95.5	96.1	96.7	[illegible]
46.3	59.1	62.[illegible]	71.2	77.6	79.5	83.6	87.1	88.3	92.[illegible]	93.[illegible]	94.7	95.5	96.1	96.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BERTHOLD AAF [illegible] | 73-[illegible] | [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]	26	24	22	20	18	16	14	12	10	8	6	4	2	1	0	[illegible]
[illegible]	[illegible]	24.4	[illegible]	24.4	[illegible]	[illegible]	27.4	27.6	27.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.4	[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	27.4	[illegible]	[illegible]	30.1	31.5	31.7	31.7	31.7	31.7	31.7	31.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	27.9	[illegible]	[illegible]	30.5	31.9	32.1	32.1	32.1	32.1	32.1	32.1	[illegible]	[illegible]	[illegible]
[illegible]	26.2	27.9	[illegible]	[illegible]	[illegible]	30.5	31.9	32.1	32.1	32.1	32.1	32.1	32.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.1	32.5	32.7	32.7	32.7	32.7	32.7	32.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32.7	32.9	32.9	32.9	32.9	32.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	30.7	31.7	32.3	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	[illegible]	[illegible]	[illegible]
[illegible]	31.1	32.7	33.9	34.8	35.4	36.9	37.0	37.[illegible]	37.[illegible]	37.[illegible]	37.[illegible]	37.[illegible]	37.[illegible]	[illegible]	[illegible]	[illegible]
27.8	34.3	35.4	37.6	39.[illegible]	39.6	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	[illegible]	[illegible]	[illegible]
[illegible]	34.6	36.[illegible]	38.4	39.6	40.2	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	[illegible]	[illegible]	[illegible]
[illegible]	35.2	37.4	39.0	[illegible]	40.7	42.1	42.3	42.3	42.3	42.3	42.3	42.3	[illegible]	42.5	[illegible]	[illegible]
[illegible]	36.2	39.4	40.3	41.1	42.7	43.1	43.3	43.[illegible]	43.3	43.3	43.3	43.3	43.3	[illegible]	[illegible]	[illegible]
[illegible]	39.0	41.1	43.1	44.5	45.5	46.9	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	41.7	43.9	46.3	47.8	48.8	50.4	51.0	51.[illegible]	51.6	51.6	51.6	51.6	51.6	[illegible]	[illegible]	[illegible]
[illegible]	46.3	49.8	52.6	54.5	56.[illegible]	58.1	58.7	58.9	59.3	59.[illegible]	59.3	59.3	59.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	48.4	51.[illegible]	55.7	57.7	59.1	61.6	62.4	62.4	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.4	63.[illegible]	64.[illegible]	[illegible]
42.7	54.5	57.3	63.0	65.4	67.3	70.1	71.1	71.7	71.7	71.7	72.2	72.2	72.5	73.[illegible]	[illegible]	[illegible]
47.1	55.3	59.1	64.0	66.3	68.3	71.1	72.0	72.8	72.8	72.8	73.2	73.2	73.5	74.[illegible]	[illegible]	[illegible]
49.2	59.1	62.9	69.5	71.1	73.[illegible]	75.8	76.6	77.6	78.0	78.0	78.5	78.5	78.9	79.7	[illegible]	[illegible]
47.9	61.6	64.4	71.1	74.2	77.[illegible]	80.5	82.1	83.[illegible]	83.7	83.7	84.6	84.8	85.2	85.6	86.4	[illegible]
49.2	61.6	65.4	72.2	75.6	78.5	82.3	84.3	85.[illegible]	85.[illegible]	85.[illegible]	87.4	87.6	88.[illegible]	89.4	89.4	[illegible]
49.2	61.6	65.4	72.2	75.6	78.5	82.3	84.3	85.6	85.6	85.6	88.[illegible]	88.2	88.[illegible]	89.[illegible]	[illegible]	[illegible]
49.2	61.6	65.4	72.2	75.6	78.5	82.3	85.[illegible]	86.[illegible]	87.4	87.4	88.6	88.8	89.4	89.6	[illegible]	[illegible]
49.3	63.2	65.[illegible]	72.8	76.2	79.[illegible]	82.9	85.[illegible]	87.4	89.[illegible]	89.[illegible]	90.2	90.4	90.6	91.7	[illegible]	[illegible]
49.4	62.6	66.6	73.4	76.8	79.7	83.9	87.2	88.6	91.0	91.3	92.5	92.7	93.3	94.1	94.9	[illegible]
49.4	63.0	66.7	73.6	77.2	80.1	84.4	87.5	89.[illegible]	92.1	92.1	93.3	93.5	94.5	95.3	96.[illegible]	[illegible]
49.4	63.0	66.7	73.6	77.2	80.3	85.0	88.4	89.9	92.7	92.7	93.9	94.1	95.5	96.7	97.[illegible]	[illegible]
49.4	63.0	66.7	73.6	77.2	80.3	85.0	88.4	89.9	92.7	92.7	93.9	94.3	96.0	97.[illegible]	98.[illegible]	[illegible]
49.4	63.0	66.7	73.6	77.2	80.3	85.0	88.4	89.9	92.7	92.7	93.9	94.3	96.0	97.[illegible]	98.[illegible]	[illegible]
49.4	63.0	66.7	73.8	77.2	80.3	85.0	88.4	89.9	92.7	92.7	93.9	94.3	96.0	97.[illegible]	[illegible]	[illegible]
49.4	63.0	66.7	73.8	77.2	80.3	85.0	88.4	89.9	92.7	92.7	93.9	94.3	96.0	97.[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WERTHEIM AAF DL — [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20	26	[illegible]	24	[illegible]	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.2	[illegible]	12.4	13.9	13.9	14.7	15.3	15.5	16.[illegible]	17.1	17.[illegible]	17.5	17.6	[illegible]	[illegible]
[illegible]	5.7	7.3	[illegible]	13.1	13.7	15.7	15.5	16.[illegible]	16.7	17.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	5.7	7.3	[illegible]	13.3	13.9	13.9	15.7	16.3	16.5	17.5	[illegible]	17.4	18.4	[illegible]	[illegible]	[illegible]
[illegible]	5.7	7.3	[illegible]	13.3	13.9	13.9	15.7	16.3	16.5	17.5	[illegible]	[illegible]	18.4	[illegible]	[illegible]	[illegible]
[illegible]	5.9	7.3	[illegible]	13.5	14.1	14.1	15.9	16.5	16.7	17.9	[illegible]	[illegible]	18.6	[illegible]	[illegible]	[illegible]
[illegible]	5.9	7.5	[illegible]	13.5	14.1	14.1	15.9	16.5	16.7	17.9	[illegible]	[illegible]	18.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.5	[illegible]	13.7	14.3	14.3	16.1	16.7	16.9	18.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	14.3	14.9	14.9	16.7	17.3	17.5	18.5	[illegible]	[illegible]	19.4	19.4	19.6	[illegible]
[illegible]	[illegible]	6.6	11.6	15.5	16.1	16.1	17.8	18.4	18.6	19.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7.1	[illegible]	[illegible]	17.6	18.2	18.2	20.2	20.8	21.0	22.2	[illegible]	23.1	23.1	23.7	[illegible]	[illegible]
[illegible]	7.1	[illegible]	[illegible]	17.6	18.2	18.2	[illegible]	21.0	21.2	22.4	[illegible]	27.3	23.3	23.9	[illegible]	[illegible]
[illegible]	7.1	9.2	[illegible]	18.2	19.0	[illegible]	21.2	21.8	22.[illegible]	23.1	23.9	24.1	24.1	24.3	24.7	[illegible]
[illegible]	7.1	9.2	[illegible]	18.2	19.0	[illegible]	21.2	21.8	22.[illegible]	23.1	23.9	24.1	24.1	24.7	24.7	[illegible]
[illegible]	7.8	[illegible]	13.7	19.5	[illegible]	[illegible]	22.2	22.7	22.[illegible]	24.5	[illegible]	25.5	25.5	25.7	25.7	[illegible]
[illegible]	[illegible]	11.6	15.7	21.6	23.5	22.5	25.1	25.7	25.9	27.5	[illegible]	29.4	29.4	[illegible]	[illegible]	[illegible]
[illegible]	13.5	17.5	23.[illegible]	32.[illegible]	34.1	35.1	38.6	39.4	39.[illegible]	41.5	42.2	42.7	42.7	[illegible]	[illegible]	[illegible]
[illegible]	17.3	21.4	27.9	37.5	[illegible]	41.[illegible]	45.5	46.5	46.7	49.[illegible]	49.8	50.4	50.4	52.[illegible]	[illegible]	[illegible]
[illegible]	17.[illegible]	23.5	31.9	42.[illegible]	44.9	45.9	[illegible]	52.[illegible]	52.4	55.7	56.3	57.1	57.3	57.6	[illegible]	[illegible]
[illegible]	19.1	23.9	32.3	43.3	46.3	47.3	52.2	53.3	53.7	57.1	57.6	58.4	58.6	59.4	[illegible]	[illegible]
[illegible]	1[illegible].4	25.3	33.[illegible]	45.7	49.8	49.6	54.9	56.3	56.[illegible]	60.4	61.[illegible]	62.[illegible]	62.7	63.7	63.7	[illegible]
[illegible]	22.1	25.2	36.3	49.2	53.[illegible]	53.5	59.2	60.[illegible]	61.7	65.3	65.9	67.5	68.2	71.[illegible]	[illegible]	[illegible]
[illegible]	22.4	27.2	37.[illegible]	51.8	55.3	56.5	62.5	63.9	64.5	69.4	70.[illegible]	72.[illegible]	73.1	75.5	75.7	[illegible]
[illegible]	22.7	29.3	38.2	52.7	56.3	57.5	63.5	65.3	65.9	71.2	72.2	74.7	75.7	78.2	78.4	[illegible]
[illegible]	23.7	30.6	39.[illegible]	54.1	57.8	59.2	65.3	67.1	67.6	72.9	74.3	76.[illegible]	77.8	81.[illegible]	81.4	[illegible]
[illegible]	24.3	31.2	39.[illegible]	55.3	59.[illegible]	60.4	66.5	68.2	69.[illegible]	74.7	76.1	79.2	[illegible]	83.9	83.[illegible]	[illegible]
[illegible]	24.3	31.2	39.9	55.5	59.2	60.6	66.9	68.6	69.6	75.7	77.3	80.6	82.[illegible]	86.5	85.9	[illegible]
[illegible]	24.3	31.2	39.9	55.7	59.6	61.[illegible]	67.6	69.4	70.[illegible]	77.5	79.2	[illegible]	84.7	89.4	88.9	[illegible]
[illegible]	24.3	31.2	39.[illegible]	56.1	60.0	61.4	68.[illegible]	70.[illegible]	71.2	78.[illegible]	[illegible]	84.7	87.1	92.2	92.5	[illegible]
[illegible]	24.3	31.2	39.8	56.1	60.0	61.4	68.[illegible]	70.3	71.2	78.2	[illegible]	84.9	87.8	92.5	92.9	[illegible]
[illegible]	24.3	31.2	39.8	56.1	60.0	61.4	68.0	70.[illegible]	71.2	78.2	[illegible]	84.9	87.5	93.5	93.9	[illegible]
[illegible]	24.3	31.2	39.8	56.1	60.0	61.4	69.5	70.3	71.2	78.2	80.5	84.9	87.8	93.5	93.9	[illegible]
[illegible]	24.3	31.2	39.9	56.1	60.7	61.4	69.7	70.3	71.2	78.2	80.8	84.9	87.5	93.5	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]FETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] AAF [illegible]
STATION NAME

[illegible]
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	26	[illegible]	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	6.7	[illegible]	[illegible]	[illegible]	[illegible]	15.3	[illegible]	[illegible]	17.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4.5	7.5	[illegible]	13.5	[illegible]	[illegible]	16.2	[illegible]	17.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	11.4	14.6	[illegible]	15.9	17.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	8.2	11.4	14.6	[illegible]	15.9	17.2	18.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	11.4	14.6	[illegible]	[illegible]	17.2	18.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	8.4	11.5	14.7	[illegible]	[illegible]	17.4	18.3	18.8	20.3	20.7	[illegible]	21.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	15.3	15.6	[illegible]	17.9	18.6	19.4	[illegible]	[illegible]	[illegible]	21.6	[illegible]	[illegible]	[illegible]
[illegible]	9.5	12.7	15.7	17.4	17.4	18.7	19.6	[illegible]	21.6	[illegible]	22.4	22.4	[illegible]	[illegible]	[illegible]
7.3	11.4	14.6	[illegible]	[illegible]	[illegible]	21.5	22.4	[illegible]	24.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26.3	[illegible]	28.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13.3	[illegible]	[illegible]	[illegible]	24.1	25.6	26.7	[illegible]	[illegible]	29.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	14.2	17.2	21.5	24.4	24.6	26.1	27.2	27.9	29.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	14.2	[illegible]	21.5	24.4	24.6	[illegible]	27.2	27.9	29.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	14.2	[illegible]	22.4	25.4	25.6	27.1	[illegible]	28.7	30.2	[illegible]	[illegible]	[illegible]	31.7	31.7	[illegible]
[illegible]	15.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.7	34.7	34.7	35.4	[illegible]	[illegible]
[illegible]	[illegible]	22.4	[illegible]	37.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.2	44.6	44.6	45.2	45.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.5	36.6	41.8	43.5	46.6	49.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.4	55.4	[illegible]
[illegible]	25.5	[illegible]	[illegible]	43.8	45.5	48.9	[illegible]	[illegible]	[illegible]	56.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	47.4	[illegible]	52.8	[illegible]	57.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.5	58.8	61.3	[illegible]	[illegible]	[illegible]	67.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	37.1	49.1	[illegible]	56.9	61.2	[illegible]	66.4	[illegible]	[illegible]	[illegible]	71.1	74.4	74.4	[illegible]
[illegible]	[illegible]	[illegible]	49.8	[illegible]	[illegible]	[illegible]	[illegible]	67.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.6	[illegible]
[illegible]	[illegible]	[illegible]	51.3	57.5	[illegible]	[illegible]	[illegible]	[illegible]	72.9	[illegible]	[illegible]	74.4	75.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	53.7	[illegible]	[illegible]	67.7	[illegible]	[illegible]	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	34.5	41.6	54.9	61.8	[illegible]	69.5	74.1	75.7	79.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	34.9	42.1	55.6	[illegible]	[illegible]	[illegible]	75.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	34.9	[illegible]	55.6	62.5	64.9	[illegible]	75.4	[illegible]	82.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	62.5	64.9	[illegible]	75.4	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	34.9	[illegible]	55.6	[illegible]	64.9	[illegible]	75.4	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	34.9	[illegible]	55.6	[illegible]	64.9	[illegible]	75.4	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	34.9	[illegible]	55.6	[illegible]	64.9	[illegible]	75.4	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

87 WESTHEIM AAF AL [illegible]
MONTHS STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

VISIBILITY (STATUTE MILES)

CEILING (FEET)	20	26	24	22	20	18	16	14	12	10	9	8	7	6	5	4	3	2	1	0
[illegible]	[illegible]	13.4	14.7	17.2	17.6	17.8	17.8	19.3	19.3	19.7	19.7	19.7	19.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13.3	14.3	15.5	16.5	17.7	[illegible]	[illegible]	22.[illegible]	[illegible]	22.4	22.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13.7	14.7	16.1	19.1	[illegible]	[illegible]	21.7	22.7	22.[illegible]	23.3	23.7	23.7	23.7	23.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13.7	14.9	16.1	19.1	[illegible]	21.6	21.8	22.[illegible]	23.[illegible]	23.7	23.7	23.7	23.7	23.7	23.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13.3	15.3	16.4	19.5	[illegible]	21.2	21.6	23.3	23.7	23.7	23.7	23.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13.3	15.3	16.4	19.5	[illegible]	[illegible]	21.6	23.3	23.7	23.7	23.7	23.7	23.7	23.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13.3	15.3	16.4	19.7	[illegible]	21.4	21.8	23.3	23.7	23.7	23.7	[illegible]	24.1	24.1	24.1	24.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.7	16.8	22.7	21.8	22.6	23.9	24.7	24.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	16.6	19.7	22.2	23.5	24.5	24.9	26.6	26.8	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	19.1	[illegible]	[illegible]	[illegible]	[illegible]	28.5	30.6	30.[illegible]	31.[illegible]	31.[illegible]	31.4	31.4	31.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	19.1	[illegible]	[illegible]	[illegible]	27.2	[illegible]	29.3	31.4	31.4	31.7	31.7	32.1	32.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	19.5	[illegible]	25.4	27.5	[illegible]	29.5	31.7	31.7	32.1	[illegible]	32.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	19.5	[illegible]	25.8	29.1	[illegible]	[illegible]	32.3	33.7	33.7	33.7	33.1	33.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	21.4	26.4	29.1	[illegible]	[illegible]	33.3	33.7	33.7	33.7	34.[illegible]	[illegible]	34.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.7	[illegible]	[illegible]	[illegible]	35.4	37.7	38.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	30.6	[illegible]	36.7	41.1	42.4	44.9	47.6	[illegible]	48.9	43.9	49.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	32.1	38.2	44.4	45.[illegible]	48.4	51.1	51.4	52.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	32.5	35.6	43.4	47.3	[illegible]	54.1	56.8	57.2	58.1	[illegible]	58.8	57.7	58.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	33.3	37.3	48.3	52.6	54.1	57.4	[illegible]	[illegible]	61.4	61.4	61.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	34.8	[illegible]	[illegible]	54.7	58.2	59.7	[illegible]	[illegible]	64.2	64.2	64.8	65.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	42.7	[illegible]	[illegible]	[illegible]	64.5	67.7	68.1	69.4	69.4	[illegible]	[illegible]	71.6	71.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	41.1	[illegible]	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.8	74.2	75.5	75.5	76.3	76.5	77.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
33.5	41.7	[illegible]	[illegible]	[illegible]	67.1	71.7	75.1	[illegible]	77.2	77.2	[illegible]	[illegible]	79.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34.4	43.2	[illegible]	[illegible]	[illegible]	69.4	74.[illegible]	77.4	[illegible]	[illegible]	79.5	[illegible]	[illegible]	82.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35.3	44.4	[illegible]	62.7	[illegible]	[illegible]	76.9	[illegible]	81.5	83.2	[illegible]	84.3	[illegible]	86.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35.4	44.6	[illegible]	63.1	[illegible]	72.5	78.[illegible]	82.[illegible]	83.2	84.7	84.7	85.4	86.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35.3	45.3	51.1	[illegible]	[illegible]	74.4	[illegible]	[illegible]	85.7	[illegible]	[illegible]	89.3	[illegible]	91.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35.3	45.3	51.1	[illegible]	[illegible]	74.4	[illegible]	80.3	84.3	85.7	88.7	89.7	91.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35.3	45.3	51.1	[illegible]	72.5	74.4	80.3	84.3	85.7	88.9	89.5	[illegible]	92.7	96.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35.3	45.3	51.1	[illegible]	72.5	74.4	80.3	84.3	85.7	88.9	89.5	92.2	92.7	96.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35.3	45.3	51.1	[illegible]	72.5	74.4	80.3	84.3	85.7	88.9	89.5	92.2	92.7	96.7	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35.3	45.3	51.1	[illegible]	72.5	74.4	80.3	84.3	85.7	88.9	89.5	92.2	92.7	96.7	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

37 — WEETHEIM AAF FL — 73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

VISIBILITY STATUTE MILES

CEILING FEET	30	26	25	24	23	22	21	20	19	18	17	16	15	14	13
[illegible]	12.4	14.7	16.6	18.1	[illegible]	[illegible]	21.4	22.4	23.9	25.6	26.6	27.5	27.5	[illegible]	[illegible]
[illegible]	17.3	18.1	18.1	21.6	21.8	22.6	23.3	24.3	24.5	24.7	24.7	24.7	24.7	24.7	[illegible]
[illegible]	13.4	16.4	19.2	21.3	22.7	22.3	23.7	24.7	24.7	25.2	25.4	25.4	25.4	25.4	[illegible]
[illegible]	13.4	16.4	19.2	21.4	22.3	22.4	23.7	24.7	24.7	25.2	25.4	25.4	25.4	25.4	[illegible]
[illegible]	13.4	16.4	19.2	21.3	22.3	22.3	23.7	24.7	24.7	25.2	25.4	25.4	25.4	25.4	[illegible]
[illegible]	13.4	16.4	19.2	21.4	22.7	22.4	23.7	25.2	25.4	25.6	25.8	25.8	25.8	25.8	[illegible]
[illegible]	14.3	17.3	19.9	21.6	22.6	22.6	24.3	25.6	26.[illegible]	26.2	26.4	26.4	26.4	26.4	[illegible]
[illegible]	14.5	17.6	19.5	22.4	23.5	23.6	25.4	26.5	27.[illegible]	27.3	27.5	27.5	27.5	27.[illegible]	[illegible]
[illegible]	15.2	18.4	21.3	23.9	24.9	25.2	27.2	28.6	29.7	29.9	29.1	29.1	29.1	[illegible]	[illegible]
[illegible]	17.3	20.5	22.4	26.4	27.7	28.2	30.3	31.4	31.7	31.3	32.1	32.1	32.1	32.1	[illegible]
[illegible]	17.5	21.4	23.7	27.7	3[illegible].3	31.6	32.7	34.2	34.4	34.6	34.6	34.6	34.9	34.9	[illegible]
[illegible]	18.4	22.3	24.5	28.3	3[illegible].6	32.2	33.3	34.[illegible]	35.[illegible]	35.2	35.4	35.4	35.4	35.4	[illegible]
[illegible]	18.4	22.3	24.5	29.5	37.8	31.4	33.7	35.3	35.7	35.4	35.6	35.6	35.6	35.6	[illegible]
[illegible]	18.3	23.5	26.3	30.4	32.9	33.6	36.1	37.2	37.7	37.9	38.2	38.[illegible]	38.5	38.5	[illegible]
[illegible]	21.1	25.3	28.7	32.9	35.2	35.[illegible]	37.3	40.6	40.7	40.9	41.1	41.1	41.5	41.5	[illegible]
[illegible]	25.7	31.9	33.5	37.7	40.6	44.[illegible]	48.4	51.3	51.7	51.6	51.7	51.[illegible]	52.2	52.2	[illegible]
[illegible]	26.1	32.1	35.2	42.6	46.1	47.6	51.6	53.5	54.1	55.1	55.3	55.3	55.8	55.8	[illegible]
[illegible]	28.4	34.4	37.5	45.9	4[illegible].5	5[illegible].2	56.2	57.[illegible]	58.5	59.2	59.7	59.7	6[illegible].2	6[illegible].2	[illegible]
[illegible]	29.1	35.6	37.7	46.4	52.9	53.6	58.5	60.4	61.7	62.[illegible]	62.7	62.3	62.7	62.7	[illegible]
[illegible]	31.3	38.7	41.5	51.1	54.1	55.6	61.3	63.1	63.7	65.2	65.4	65.4	66.2	66.5	66.5
[illegible]	32.9	39.6	44.4	54.5	5[illegible].7	61.6	67.3	7[illegible]	7[illegible]	71.7	72.5	72.7	73.4	73.[illegible]	73.9
[illegible]	35.1	42.6	46.3	59.5	63.9	66.[illegible]	72.7	75.4	76.7	76.4	79.[illegible]	77.2	79.9	81.[illegible]	81.7
[illegible]	36.6	44.3	49.9	61.2	66.7	68.1	74.9	79.1	79.[illegible]	81.5	81.1	81.3	82.[illegible]	83.4	83.4
[illegible]	38.1	44.4	50.5	62.1	66.9	69.4	75.7	78.8	77.7	81.2	82.2	84.4	83.[illegible]	85.3	85.7
[illegible]	38.3	45.5	51.6	63.7	68.8	70.9	77.6	80.7	82.2	84.3	85.1	85.5	86.2	86.5	88.5
[illegible]	38.3	46.5	53.1	65.4	7[illegible].2	72.3	79.7	82.5	84.7	85.4	87.2	87.5	88.3	89.[illegible]	89.5
[illegible]	37.1	46.2	53.5	65.6	71.9	73.3	80.5	83.7	85.7	87.4	88.5	89.3	90.7	92.7	92.7
[illegible]	37.3	47.3	53.7	66.4	71.1	73.2	80.7	84.1	85.5	88.5	89.2	91.4	92.7	95.6	96.7
[illegible]	37.3	47.3	53.7	66.4	71.1	73.2	80.9	84.3	85.7	88.7	89.1	92.5	93.3	97.3	97.9
[illegible]	37.3	47.1	53.7	66.4	71.1	73.2	80.9	84.3	85.7	88.7	89.1	92.5	93.3	97.3	99.1
[illegible]	37.3	47.1	53.7	66.4	71.1	73.2	80.9	84.3	85.7	88.7	89.1	92.5	93.3	97.3	99.1
[illegible]	37.3	47.2	53.7	66.4	71.1	73.2	80.9	84.3	85.7	88.7	89.1	92.5	93.3	97.3	99.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

E

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 4570 — STATION
WERTHEIM AAF OL — STATION NAME
73-81 — YEARS
JAN — MONTH

PAGE 1 0600-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49			.4															2	2			
48/ 47			.4															2	2	6		
46/ 45	.2	2.0	.2															12	12	5	1	
44/ 43	.2	2.2	.2															13	13	5	5	
42/ 41	1.6	5.9	.6															41	41	17	31	
40/ 39		5.3	.4															29	29	23	15	
38/ 37	.6	3.4	.4															22	22	33	31	
36/ 35	1.2	4.5																29	29	36	28	
34/ 33	4.1	7.5	.2															60	60	47	40	
32/ 31	5.3	3.4																44	44	50	67	
30/ 29	7.1	3.0																51	51	52	64	
28/ 27	12.2	1.0																67	67	65	77	
26/ 25	3.7	.8																23	23	21	20	
24/ 23	3.6	.4																20	22	2	47	
22/ 21	2.4																	12	12	1	16	
20/ 19	3.4	.2																16	19	1	16	
18/ 17	2.0	.6																13	13	11	11	
16/ 15	1.2																	6	5	7	11	
14/ 13	1.6	.2																9	9	7	9	
12/ 11	1.2	.2																7	7	7	5	
10/ 9	2.2																	11	11	11	11	
8/ 7	1.4																	7	7	7	11	
6/ 5	.4																	2	2	2	3	
4/ 3	.6																	3	3	3	3	
2/ 1	.4																	2	2	2	3	
0/ -1	.4																	2	2	2	2	
TOTAL	56.8	40.4	2.8																507		507	
																		507		507		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4487477	47569	93.8	6.936	507							
Dry Bulb	498715	15169	29.9	9.438	507	.4	54.5					93
Wet Bulb	476630	14862	29.3	8.998	507	.4	57.6					93
Dew Point	445453	14347	28.3	8.831	507	.4	65.3					93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
13-570	WERTHEIM AAF DL	73-81	JAN

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51		.2	.2															2	2		
50/ 49		.2																1	1	1	
48/ 47		.9	.5															8	8	4	1
46/ 45	.4	1.4																10	10	6	5
44/ 43	.2	3.6	.2															22	22	19	5
42/ 41		7.7	1.4															51	51	30	27
40/ 39	.2	3.9	.9															28	28	26	32
38/ 37	.7	4.8	.4															33	33	33	29
36/ 35	1.6	4.7																35	35	47	35
34/ 33	4.7	5.4																56	55	55	43
32/ 31	6.6	4.5																62	62	64	79
30/ 29	6.3	3.6																55	55	56	73
28/ 27	8.1	1.6																54	54	49	62
26/ 25	2.5	1.3																21	21	21	28
24/ 23	3.9	1.4																30	30	31	29
22/ 21	3.4																	19	19	24	24
20/ 19	1.8	.5																13	13	10	21
18/ 17	2.2																	12	12	15	12
16/ 15	2.3	.2																14	14	13	15
14/ 13	.9	.5																8	8	9	8
12/ 11	1.1																	6	6	6	7
10/ 9	1.1																	6	6	6	9
8/ 7	.4																	2	2	2	4
6/ 5	.9																	5	5	5	4
4/ 3	.5																	3	3	3	3
2/ 1	.2																	1	1	1	2
0/ -1	.2																	1	1	1	1
TOTAL	50.0	46.4	3.6																558		558
																		558		558	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4799921	51595	92.5	7.244	558							
Dry Bulb	579871	17245	30.9	9.177	558	.2	52.0					93
Wet Bulb	549324	16826	30.2	8.678	558	.2	55.8					93
Dew Point	506024	16128	28.9	8.461	558	.2	63.5					93

USAFETAC FORM 0 26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 [illegible]570	WERTHEIM AAF DL	73-81	JAN

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 49		1.4	.4	.2														11	11	[illegible]		
4[illegible]/ 47		.7	.9	.4														11	11	7		2
46/ 45		2.0	.5															14	14	11		6
44/ 43		4.5	1.3															32	32	[illegible]		6
42/ 41		5.6	4.1															54	54	33		37
4[illegible]/ 39	.9	4.5	1.8															40	40	32		34
38/ 37	.4	5.2	.5															34	34	41		24
36/ 35	1.1	6.5	.5															45	45	52		47
34/ 33	5.7	5.6	.5															66	66	72		62
32/ 31	3.2	7.9	.7															66	66	86		69
[illegible]/ 29	2.9	5.0																44	44	44		73
26/ 27	5.4	2.9																46	46	44		53
24/ 25	3.1	.7																21	21	30		38
24/ 23	4.3	.7																28	28	26		46
22/ 21	1.4	.9																13	13	10		12
[illegible]/ 19	1.3	.5																10	10	12		10
1[illegible]/ 17	.7	.2																5	5	6		7
16/ 15	.5	.2																4	4	4		12
14/ 13	.5																	3	3	3		8
12/ 11	.7																	4	4	4		6
1[illegible]/ 9	.9																	5	5	5		6
6/ 7	.2																	1	1	1		1
TOTAL	33.2	54.9	11.7	.5															557		557	
																		557		557		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: <0 F	<32 F	<73 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4452490	49592	89.0	8.170	557							
Dry Bulb	659803	18645	33.5	8.011	557		41.7					x3
Wet Bulb	613084	18014	32.3	7.405	557		46.6					93
Dew Point	547188	16982	30.5	7.276	557		55.6					x3

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]570	WERTHEIM AAF DL	73-81	JAN

PAGE 1 1[illegible]0-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/53			.2															1	1		
[illegible]/51			.4															2	2		
[illegible]/49		.8		.4														6	6	4	
[illegible]/47		.2	1.0	.4														8	8	6	
[illegible]/45		.6	.8															7	7	6	5
[illegible]/43		3.4	1.4															24	24	21	3
42/41		8.1	3.9	.2														60	60	26	42
[illegible]/39	1.0	4.4	.4															29	29	36	35
39/37		7.1	.8															39	39	36	51
[illegible]/35	1.4	5.9	.4															38	38	48	36
34/33	4.0	6.5	.2															53	53	62	51
[illegible]/31	2.2	7.1	.2															57	57	73	60
[illegible]/29	3.0	6.5																47	47	46	61
[illegible]/27	4.0	3.8																39	39	42	65
[illegible]/25	3.4	1.2																23	23	23	29
24/23	3.0	1.8																24	24	21	33
[illegible]/21	1.8	.4																11	11	17	15
[illegible]/19	1.0	.2																6	5	7	12
18/17	.2	.4																2	3	2	12
16/15	1.2	.4																8	8	10	2
14/13		.4																2	2	2	6
12/11	.8																	4	4	4	7
[illegible]/9	.6																	3	3	3	7
[illegible]/7	.2																	1	1	1	1
TOTAL	28.1	61.2	9.7	1.0															495		495
																		495		495	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	389[illegible]741	437[illegible]1	88.3	8.124	495							
Dry Bulb	579346	16488	33.3	7.876	495		42.9					93
Wet Bulb	536606	15898	32.1	7.256	495		47.2					93
Dew Point	474512	14910	30.1	7.171	495		58.2					93

USAFETAC FORM 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	
[illegible]570	WERTHEIM AAF OL	73-81	FEB

PAGE 1 [illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47			.4															2	2		
46/ 45		1.3																6	6		
44/ 43	.2	.8																5	5	9	1
42/ 41	.8	2.7	.8															21	21	11	13
40/ 39	.2	4.0	.8	.2														25	25	14	11
38/ 37	2.5	5.1	.2	.4														39	39	32	27
36/ 35	1.9	4.4	.2															31	31	37	34
34/ 33	7.6	5.3																61	61	61	45
32/ 31	6.1	4.9																52	52	74	59
30/ 29	3.8	4.0	.4															39	39	37	48
28/ 27	11.2	2.5	.2															66	66	68	65
26/ 25	8.4	3.2																55	55	50	55
24/ 23	7.2	1.7																42	42	45	56
22/ 21	2.3	.4																13	13	17	28
20/ 19	.4																	2	2	4	11
18/ 17	1.5																	7	7	7	7
16/ 15	1.1																	5	5	5	8
14/ 13	.6																	3	3	3	6
TOTAL	55.9	40.3	3.2	.6															474		474
																		474		474	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥90 F	Total
Rel Hum.	4133360	43948	92.7	7.741	474							
Dry Bulb	467305	14579	30.8	6.270	474		50.3					84
Wet Bulb	446083	14273	30.1	5.870	474		54.9					84
Dew Point	410677	13661	28.8	5.968	474		60.8					84

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13573 — STATION
WERTHEIM AAF DL — STATION NAME
73-81 — YEARS
FEB — MONTH

PAGE 1 — 0700-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51				.2														1	1		
50/ 49				.2														1	1		
48/ 47				.2														1	1		
46/ 45		1.8	.8	.4														15	15	3	
44/ 43		1.4	1.0															12	12	9	2
42/ 41	.4	4.1	1.2	.4														31	31	24	13
40/ 39	1.2	7.1	1.2															48	48	34	24
38/ 37	2.0	4.3	.2															33	33	51	37
36/ 35	1.8	8.4	2.4															64	64	43	39
34/ 33	4.3	7.1	1.0															53	53	67	45
32/ 31	5.5	6.3	1.0															65	65	95	75
30/ 29	2.4	4.9	.2															38	38	51	56
28/ 27	11.2	3.7																71	71	72	91
26/ 25	4.5	2.0																33	33	32	54
24/ 23	3.3	.8																21	21	24	42
22/ 21	1.0																	5	5	7	18
20/ 19	1.0																	5	5	2	5
18/ 17	.4																	2	2	2	5
16/ 15	.2																	1	1	1	4
TOTAL	35.0	51.8	9.8	1.4															510		510
																		510		510	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4132555	45605	89.6	8.883	510							
Dry Bulb	574737	16849	33.0	5.962	510		39.7					84
Wet Bulb	536143	16307	32.0	5.380	510		47.6					84
Dew Point	479626	15398	30.2	5.379	510		57.6					84

USAFETAC FORM (CN-1) 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 [illegible]573	WERTHEIM AAF DL	73-81	FEB

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55					.2														1	1		
54/ 53				.4	.6														5	5		
52/ 51			.2		.4	.2													4	4		
50/ 49			.2	.4															3	3		
48/ 47		.4	.8	.4	.2														9	9	4	
46/ 45		1.0	3.7	.6	.2														28	28	10	3
44/ 43	.2	1.8	2.3	1.0	.4														29	29	22	3
42/ 41	1.0	8.0	5.3	1.4															60	60	42	16
40/ 39	.6	4.1	1.9	1.4	.2														42	42	46	49
38/ 37	1.0	6.2	3.7	.8															60	60	55	39
36/ 35	1.2	6.6	4.3	.2															63	63	57	40
34/ 33	2.5	4.1	2.9	.4															51	51	63	52
32/ 31	1.8	4.3	1.4																38	38	64	73
30/ 29	2.5	5.6	.2																43	43	63	44
28/ 27	5.6	1.4	.2																37	37	40	96
26/ 25	1.8	1.4																	16	16	14	55
24/ 23	.6	.4																	5	5	10	22
22/ 21																					2	16
20/ 19																						5
TOTAL	13.7	45.1	27.0	6.8	2.1	.2														514		54
																		514			514	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3540979	42207	82.1	12.104	514							
Dry Bulb	706785	18799	36.6	6.123	514		22.7					84
Wet Bulb	624922	17720	34.5	5.230	514		31.5					84
Dew Point	519827	16111	31.3	5.378	514		51.0					84

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17-570 (STATION) WERTHEIM AAF OL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PAGE 1 1000-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55					.2													1	1			
54/ 53			.4		.2	.2												4	4			
52/ 51			.2	.2	.2	.4												5	5			
50/ 49			.9	.6	.4													9	9			
48/ 47		1.1	1.9	.4														16	16	0		
46/ 45		.6	3.6	3.0	.6													37	37	11		8
44/ 43	.9	.4	3.6	1.1	1.1													33	33	26		7
42/ 41	.2	5.8	4.5	1.9	.4													62	62	41		6
40/ 39	.6	2.6	2.4	1.9	.2													36	36	39		44
38/ 37	.6	6.6	2.6	.6														49	49	47		33
36/ 35	1.3	7.3	1.9	.4														51	51	45		34
34/ 33	3.6	4.1	2.6	.4														51	51	50		67
32/ 31	1.1	4.9	1.5															35	35	46		50
30/ 29	1.5	5.6																33	33	50		49
28/ 27	3.8	3.8	.4															38	38	41		73
26/ 25	.2	1.3																7	7	11		45
24/ 23	.6																	3	3	0		38
22/ 21																						11
20/ 19																						5
18/ 17																						1
TOTAL	14.7	44.0	26.5	13.7	3.4	.6													468			468
																		468.		468.		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	
Rel. Hum.	3072795	37403	79.9	13.373	468							
Dry Bulb	673887	17501	37.4	6.451	468		20.8					84
Wet Bulb	585416	16356	34.9	5.435	468		28.0					84
Dew Point	475983	14689	31.4	5.657	468		48.3					84

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]570	WERTHEIM AAF DL	73-81	MAR

PAGE 1 [illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55		.2	.4															3	3		
54/ 53		.9	.4															7	7	4	
52/ 51	.7	1.1	1.1															16	16	1[illegible]	5
50/ 49	.2	1.6	.5															13	13	1[illegible]	6
48/ 47		1.2	.4															9	9	17	8
46/ 45	1.1	4.8	.9															38	38	22	17
44/ 43	.2	3.4	1.2	.4														29	29	26	19
42/ 41	1.6	8.1	1.1															61	61	38	43
40/ 39	1.9	6.2	1.2															53	53	52	41
38/ 37	5.8	5.6	.4															67	67	74	63
36/ 35	2.3	6.5	.4															52	52	6[illegible]	52
34/ 33	4.1	4.1	.2															47	47	67	57
32/ 31	2.6	3.5	.2															36	36	46	63
30/ 29	4.1	6.0																57	57	53	57
28/ 27	4.9	1.6																37	37	41	54
26/ 25	.7	1.6																13	13	16	10
24/ 23	.7	1.6																13	13	4	24
22/ 21	.4																	2	2	11	10
20/ 19	.9																	5	5	5	5
18/ 17	.9																	5	5	5	8
16/ 15	.7																	4	4	4	9
14/ 13																					3
TOTAL	33.7	57.8	8.1	.4															567		567
																		567		567	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4667611	51245	90.4	7.990	567
Dry Bulb	792455	20757	36.6	7.586	567
Wet Bulb	745254	20150	35.5	7.178	567
Dew Point	686342	19274	34.0	7.420	567

Mean No. of Hours with Temperature	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb		28.2					93
Wet Bulb		37.3					93
Dew Point		39.9					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 7570	WERTHEIM AAF DL	73-81	MAR

PAGE 1 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59					.5	.2												4	4			
58/ 57			.8		.3	.2												6	6			
56/ 55		.5	.2	1.2	.3	.2												14	14			
54/ 53	.3	.3	1.0	1.5														19	19	11	2	
52/ 51	.2	1.3	2.4	.3	.3													27	27	9	9	
50/ 49		1.5	1.3	.8	.5													25	25	27	3	
48/ 47		2.2	1.2	1.0														26	26	33	14	
46/ 45	.3	3.7	2.9	1.0														47	47	34	29	
44/ 43	.5	3.5	3.2	.3														45	45	50	39	
42/ 41	1.7	6.2	2.0	.2	.2													61	61	51	61	
40/ 39	1.8	4.7	2.0	.2														52	52	58	48	
38/ 37	4.4	4.0	1.3	.5														61	61	67	56	
36/ 35	1.2	7.4	2.2	.2														65	65	57	67	
34/ 33	3.4	5.2	1.5	.2														61	61	70	56	
32/ 31	1.5	3.0	.3	.2														30	30	58	56	
30/ 29	.3	3.2	.7	.3														27	27	32	44	
28/ 27	.8	.7	.3															11	11	19	44	
26/ 25		.8																5	5	8	16	
24/ 23	.3	.7																6	6	9	30	
22/ 21	.2																	1	1	2	8	
20/ 19																					5	
18/ 17																					4	
16/ 15																					3	
14/ 13																					1	
TOTAL	17.0	49.1	23.4	7.9	2.2	.5												595	595	595	595	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4173449	49327	82.9	11.900	595							
Dry Bulb	1000506	23980	40.3	7.571	595		12.5					93
Wet Bulb	892085	22603	38.1	6.765	595		20.0					93
Dew Point	770767	20981	35.3	7.218	595		33.0					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]573	WERTHEIM AAF DL	73-81	MAR

PAGE 1 1600-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67								.2										1	1			
66/ 65						.2	.2											2	2			
64/ 63				.2		.7	.3											7	7			
62/ 61			.2	.2	.3	.5												7	7			
60/ 59		.2		1.3	1.7	1.7	.2											30	30			
58/ 57		.2	.2	1.5	1.0	.3												19	19	4		
56/ 55	.3	.3	.8	1.3	1.2	.7												28	28	7	3	
54/ 53	.2	.8	.7	2.4	1.3													32	32	24	3	
52/ 51		.8	1.7	.8	1.9													31	31	30	9	
50/ 49		.7	1.7	1.3	.5													25	25	35	6	
48/ 47		1.2	2.5	1.3	.7													34	34	43	23	
46/ 45	.2	3.5	4.2	2.5	.3		.2											65	65	47	36	
44/ 43	.3	2.9	3.7	.5	.5	.2												48	48	55	33	
42/ 41	.3	5.1	2.5	1.9	2.0	.5												76	76	57	62	
40/ 39	1.3	3.4	3.7	1.7	.3													62	62	65	63	
38/ 37	1.9	2.9	2.0	1.3														48	48	48	65	
36/ 35	.3	3.4	2.2	.2														36	36	43	57	
34/ 33	.3	2.9	1.0	.2														29	29	54	42	
32/ 31		.7	.5															7	7	44	40	
30/ 29		1.0																6	6	14	28	
28/ 27	.2																	1	1	4	32	
26/ 25																					12	
24/ 23																					40	
22/ 21																					6	
20/ 19																					3	
18/ 17																					2	
16/ 13																					3	
TOTAL	6.4	29.8	27.6	18.7	11.0	4.7	.8	.2										594	594	594	594	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3331905	43593	73.4	14.957	594							
Dry Bulb	1240774	26720	45.0	8.091	594		2.2	.2				93
Wet Bulb	1031653	24425	41.1	6.786	594		9.7					93
Dew Point	820399	21627	36.4	7.458	594		27.6					93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]572	WERTHEIM AAF DL	73-81	MAR

PAGE 1 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/67								.2										1	1			
[illegible]/65						.2		.2										2	2			
[illegible]/63				.4	.2	.7	.7											11	11			
[illegible]/61			.4	.4	.6	.6	.7											14	14			
[illegible]/59				.6	.9	3.1	.4											27	27			
[illegible]/57			.4	1.1	.6	.6												14	14	[illegible]		
5[illegible]/55		.2	.4	1.3	1.1	2.8												31	31	6	1	
[illegible]/53	.6	.6	.4	1.7	2.2	.7												33	33	[illegible]	6	
[illegible]/51		.9	1.1	1.5	.7													23	23	71	4	
[illegible]/49		.7	1.5	1.5	.7													24	24	78	10	
[illegible]/47		.7	2.2	1.3	1.3													30	30	83	19	
[illegible]/45	.4	4.4	5.2	2.4	.9	.7	.6											79	79	57	26	
44/43	.2	2.0	3.5	1.5	1.1	.4												47	47	57	17	
42/41	1.3	6.3	3.1	2.2	1.7	.4	.4											63	63	[illegible]	74	
[illegible]/39		2.4	2.2	1.3	.7													36	36	54	79	
[illegible]/37	.7	1.7	2.6	1.5														35	35	47	62	
[illegible]/35	.2	3.1	1.8															28	29	49	41	
34/33		2.0	1.1	.2														18	18	44	43	
[illegible]/31		1.1																6	6	39	41	
[illegible]/29																				6	17	
[illegible]/27																				1	35	
[illegible]/25																					11	
24/23																					35	
[illegible]/21																					6	
[illegible]/19																					6	
[illegible]/17																					3	
16/15																					4	
[illegible]/9																					2	
TOTAL	3.3	26.2	25.8	18.6	12.7	10.1	2.3	.4										542	542	542	542	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2769426	37750	69.6	16.096	542							
Dry Bulb	1188309	25007	46.1	7.989	542		1.0	.2				93
Wet Bulb	960423	22537	41.6	6.564	542		7.9					93
Dew Point	735391	19525	36.0	7.694	542		27.5					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] (STATION) WERTHEIM AAF DL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PAGE 1 [illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/59						.2												1	1			
[illegible]/57		.2			.2		.2											3	3			
56/55				.2		.2												2	2	[illegible]		
54/53		.4	.2	.2														4	4	1	1	
52/51		.6	1.1		.2													10	10	2	1	
50/49	.4	1.9	1.1	.6	.6													24	24	6	4	
48/47	.9	2.8	.9	.4														27	27	32	7	
46/45	3.2	4.5	3.2	1.9														66	68	42	43	
44/43	.9	3.5	2.8	.9														44	44	42	23	
42/41	.4	7.1	3.5	.4														61	61	45	43	
40/39	1.1	5.6	1.7															45	45	60	47	
38/37	3.7	5.9	1.9	.6														65	65	66	50	
36/35	.7	9.5	.9															60	60	61	49	
34/33	3.3	5.8	1.1	.2														56	55	77	79	
32/31	1.3	3.5	.9															31	31	49	70	
30/29	1.1	3.0	.4															24	24	73	39	
28/27	2.0	.4																13	14	19	49	
26/25	.2																	1	1	1	19	
24/23																					11	
22/21																					3	
20/19																					1	
TOTAL	19.3	54.4	19.7	5.2	.9	.4	.2											539	[illegible]	539	[illegible]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3965787	45837	85.0	11.224	539							
Dry Bulb	869603	21401	39.6	6.308	540		11.7					93
Wet Bulb	787731	20371	37.8	5.757	539		17.0					93
Dew Point	692402	19036	35.3	6.113	539		32.1					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
4[illegible]57	WERTHEIM AAF GL	73-81	APR

PAGE 1 [illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb - Dew Point
[illegible]/ 65								.2	.2									2	2		
64/ 63				.4		.2	.2	.2										5	5		
62/ 61				.2	.2	.2												3	3		
[illegible]/ 59				.5	1.6	1.1	.5	.4										23	23		
[illegible]/ 57		.2	.5	1.6	.7	.9	.2											23	23	[illegible]	
56/ 55		.4	.9	1.2	.9	2.0												30	30	2	
54/ 53		.2	1.8	1.6	2.1	.5												35	35	13	4
52/ 51	.4	.5	2.3	.9	1.6	.2												33	33	30	4
50/ 49	.2	1.6	3.0	1.8	1.4	.4												47	47	34	11
48/ 47	.2	2.6	2.3	1.8	.9													40	42	59	14
46/ 45	.2	3.6	2.0	1.4	1.4	.2												49	49	64	53
44/ 43	.5	2.1	4.3	2.7														54	54	54	47
42/ 41		4.1	3.6	2.8	.9													64	64	70	42
40/ 39	.2	5.5	4.1	1.2														62	62	64	45
38/ 37	.9	5.7	1.2	.2														45	45	66	67
36/ 35	.4	4.1	1.4	.4														35	35	77	64
34/ 33	1.1	.5	.2	.2														11	11	44	70
32/ 31	.2	.2																2	2	13	54
30/ 29																				3	37
28/ 27																					35
26/ 25																					11
24/ 23																					8
22/ 21																					2
20/ 19																					1
TOTAL	4.1	30.6	27.5	19.8	11.7	5.5	.2	.7	.2									563	563	563	563

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 77 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3101421	40943	72.7	14.852	563							
Dry Bulb	1212014	25708	45.8	7.434	563		.3					90
Wet Bulb	1001754	23510	41.8	5.967	563		2.6					92
Dew Point	791881	20803	37.0	6.426	563		23.7					90

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14570 — STATION — WERTHEIM AAF OL — STATION NAME — 73-81 — YEARS — APR — MONTH

PAGE 1 — 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Point
74/ 73								.2										1	1			
72/ 71							.2		.2									2	2			
70/ 69						.2		.4	.9	.2								9	9			
68/ 67					.2		.2	.4	.2									5	5			
66/ 65						.5	.7	.5	.2									11	11			
64/ 63				.9	1.2	1.8	1.8	1.8	.2									43	43			
62/ 61				.4	.7	1.8	1.6	.9	.2									31	31	3		
60/ 59			.2	.4	2.0	2.9	1.8	.7										44	44	1		
58/ 57				.5	1.1	1.2	1.1											22	22	7		1
56/ 55			.2	.4	.5	2.0												17	17	21		1
54/ 53		.5	.7	1.6	1.2	2.0	.5											37	37	34		4
52/ 51		.7	2.3	1.2	.9	.5	1.1											38	38	46		7
50/ 49		.9	1.6	.7	.5	1.6												30	30	49		6
48/ 47	.2	1.4	.4	1.4	1.2	.7												30	30	61		19
46/ 45	.2	2.0	3.6	2.9	2.0	.9												70	70	54		49
44/ 43		1.4	3.2	2.7	1.4	.2												50	50	71		43
42/ 41		3.0	3.7	1.8	.7													52	52	59		49
40/ 39	.4	5.0	1.2	.4														39	39	67		50
38/ 37		2.5	.5															17	17	76		54
36/ 35	.2	.5	.4															6	6	38		69
34/ 33	.9																	5	5	17		65
32/ 31	.2																	1	1	2		46
30/ 29																						35
28/ 27																						29
26/ 25																						16
24/ 23																						12
22/ 21																						1
20/ 19																						1
18/ 17																						2
TOTAL	2.0	18.0	18.0	15.2	14.8	16.2	8.9	4.8	1.8	.2								560	560	560	560	560

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: < 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Rel. Hum.	2347962	34898	62.3	17.597	560							
Dry Bulb	1478029	28325	50.6	9.006	560		.2	2.7	.2			90
Wet Bulb	1116960	24754	44.2	6.382	560		.3					90
Dew Point	792872	20734	37.0	6.714	560		22.8					90

USAFETAC FORM 0 26 3 OL A (12-71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
10[illegible]77	WERTHEIM AAF DL	73-81	APR

PAGE 1 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 73									.2	.4								3	3			
74/ 71										.2								1.	1.			
72/ 69								.4	.6	.4								7	7			
70/ 67					.2	.2	.2	1.2	.6									12.	12.			
68/ 65				.2	1.4	.4	1.0	1.0	1.2									26	26			
66/ 63					.2	2.2	2.2		.6									26.	26.			
64/ 61					1.4	.8	.6	.8										18	18			
62/ 59				.4	1.6	1.6	1.8	1.0										32	32.	5.		
60/ 57						.2	1.2	.6										10	10	7	1	
58/ 55			.4	1.0	.8	2.2	.4											24.	24.	13.		
56/ 53		.8	1.0	1.6	1.2	1.8	.6	.6										36	38	43	4	
54/ 51		.2	.8	2.7	1.4	.6	1.2											34.	34.	34.	6	
52/ 49		.4	1.3	1.8	.2	.8	.6											30	30	30	8	
50/ 47	.4	1.0	.6	.6	.4	1.8	.4											27.	27.	42.	9	
48/ 45		1.4	4.5	4.7	1.8	1.6												69	69	54	45	
46/ 43		1.4	2.9	1.0	1.4													33.	33.	35.	28	
44/ 41		2.0	4.9	1.8	1.0	.2												49	49	47	53	
42/ 39		4.3	1.2															27.	27.	56.	39	
38/ 37	.6	1.2	.2															11	11	76	35	
36/ 35		1.0																5.	5.	28.	68	
34/ 33	.8																	4	4	13	52	
32/ 31	.6																	3.	3.	3.	53	
30/ 29																					20	
28/ 27																					22	
26/ 25																					16	
24/ 23																					22	
22/ 21																					5	
20/ 19																					2	
18/ 17																					1	
TOTAL	2.7	14.3	16.4	16.2	13.3	14.7	10.4	5.7	3.3	1.0									489.		489
																		489		489		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	195960	29556	60.4	18.363	489							
Dry Bulb	1311376	24926	51.0	9.241	489		.6	4.2	.6			93
Wet Bulb	975062	21648	44.2	6.441	489		.6					93
Dew Point	674300	17868	36.5	7.060	489		26.0					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72572 — STATION
WERTHEIM AAF OL — STATION NAME
73-81 — YEARS
MAY — MONTH

PAGE 1 — 0600-2800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL DB	TOTAL WB	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.2															1	1			
66/ 65					.2													1.	1.			
64/ 63			.4	.4	.2		.2											6	6	1		
62/ 61		.2	.4	1.1	.6													12.	12.	1.		1
60/ 59		.6	.4	.9	.6	.4												14	14	4		1
58/ 57	.6	2.1	1.9	2.4	.2													36.	36.	14.		7
56/ 55	.6	2.6	2.3	1.1	.6													38	38	25		12
54/ 53	.2	4.7	1.3	1.7	.2													44.	44.	37.		14
52/ 51	2.1	5.3	3.6	1.1	.4													56	65	56		42
50/ 49	1.1	5.3	3.2	.8	.6													58.	58.	51.		45
48/ 47	3.0	6.4	2.4	.6														66	66	67		61
46/ 45	2.1	7.9	2.4	1.3														73.	73.	83.		69
44/ 43	1.3	3.0	2.4															36	36	52		63
42/ 41	.8	3.4	1.1	.4														30.	30.	35.		66
40/ 39	1.1	2.6	.9															25	25	29		33
38/ 37	.2	1.9																11.	11.	19.		35
36/ 35		1.5	.4															10	10	20		22
34/ 33	.2	.4																3.	3.	9.		22
32/ 31		.4																2	2	3		8
30/ 29	.2																	1.	1.	1.		7
28/ 27																						5
TOTAL	17.3	45.0	22.9	11.8	3.4	.4	.2												533.			533
																		533		533		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	3799763	44595	83.7	11.355	533							
Dry Bulb	1303619	26143	49.0	6.333	533		.5	.2				93
Wet Bulb	1173946	24826	46.6	5.752	533		.7					93
Dew Point	1058417	23519	44.1	6.226	533		3.5					93

USAFETAC FORM JUN 71 0 26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10670	WERTHEIM AAF OL	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
79/77						.4												2	2		
74/73						.2	.2	.5										5	5		
72/71					.5	.2	.4											6	6		
71/69					.5	.7		.5										10	10		
69/67				.2	1.4	1.4	.4	.7	.2									24	24	2	
67/65			.2	.2	.2	.9	.5											11	11	2	
65/63			.7	1.8	2.9	1.3	.9											42	42	5	1
63/61		.2	.7	2.0	1.8	1.3	.2	.2										35	35	12	3
61/59		.7	3.4	3.4	3.4	1.4	.7	.2										74	74	18	9
59/57	.2	1.6	1.6	1.8	2.3	.7												46	46	43	6
57/55		.4	3.1	2.9	2.2	2.5	.4											63	63	56	20
55/53		2.0	1.6	2.3	1.6	.4												44	44	44	24
53/51	1.3	1.6	2.5	.9	.9	.5												43	43	74	55
51/49	.9	2.2	3.2	1.4	.4													45	45	63	56
49/47	1.6	2.3	1.8	1.6	.2													42	42	64	64
47/45	.7	1.8	1.4	.7	.2													27	27	58	69
45/43		1.4	.7		.2													13	13	33	54
43/41		1.3	.5	.4														12	12	20	67
41/39		1.6																9	9	14	40
39/37	.2																	1	1	13	29
37/35		.2																1	1	3	22
35/33																				1	14
33/31																					13
31/29																					2
29/27																					3
27/25																					2
TOTAL	4.9	17.3	21.6	19.6	18.7	11.9	3.6	2.2	.2									555	555	555	555

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≥80 F	≥93 F	Total
Rel. Hum.	2837295	38761	69.8	15.333	555							
Dry Bulb	1747246	30862	55.6	7.492	555			7.9	1.2			93
Wet Bulb	1420165	27883	50.2	5.957	555			.3				93
Dew Point	1161098	25114	45.3	6.674	555		3.4					93

USAFETAC FORM 0 26 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-570 — STATION
WERTHEIM AAF DL — STATION NAME
73-81 — YEARS
MAY

PAGE 1 — 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83									.2									1	1			
82/ 81								.5	.5									6	6			
80/ 79							.2	.4			.2							4	4			
78/ 77							.2	.2	.4	1.1	.2							11	11			
76/ 75							.4	1.1										8	8			
74/ 73							.5	1.6	.5									15	15			
72/ 71						.5	1.3	.2	.7									15	15			
70/ 69				.2	.2	1.3	.5	.9	.5									23	23	1		
68/ 67					.4	2.2	.9	.7	.4									25	25	4		
66/ 65			.2	.5	2.0	1.3	2.0	1.3	.2									41	41	6		
64/ 63			.2	2.0	2.9	4.4	1.5	1.8	.4									72	72	4		
62/ 61			.5	1.3	2.7	1.6	.5	.9										42	42	22	2	
60/ 59			.9	2.4	2.2	1.6	2.5	.9										58	58	45	7	
58/ 57		.4	1.3	1.6	1.3	2.0	.9	.2										42	42	42	10	
56/ 55		.7	1.3	1.6	2.0	1.5	.2											41	41	58	12	
54/ 53	.2	.9	.7	2.7	1.3													32	32	53	41	
52/ 51	.2	1.5	2.7	.5	1.1	.7												37	37	50	38	
50/ 49	.5	1.8	.7	.7	.2													22	22	56	50	
48/ 47	.5	1.3	.7	.2	.4	.2												18	18	53	58	
46/ 45	.4	1.3	.5			.2												13	13	42	78	
44/ 43	.2	.5	.7															8	8	25	61	
42/ 41		1.8	.5		.2													14	14	13	56	
40/ 39		.9																5	5	15	42	
38/ 37	.2																	1	1	9	35	
36/ 35																				1	27	
34/ 33																				1	14	
32/ 31																					13	
30/ 29																					4	
28/ 27																					2	
26/ 25																					1	
24/ 23																					2	
TOTAL	2.2	11.1	11.1	14.0	16.7	17.4	11.6	10.7	3.8	1.1	.4							551	551	551	551	551

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2164342	33248	60.3	16.955	551							
Dry Bulb	2005845	32885	59.7	8.862	551			17.7	7.5	1.4		93
Wet Bulb	1503024	28580	51.9	6.120	551			.8				93
Dew Point	1132275	24705	44.8	6.686	551		3.2					93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 [illegible]	WERTHEIM AAF DL	73-81	MAY

PAGE 1 15[illegible]-17[illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	[illegible]	TOTAL DB	TOTAL WB	TOTAL Dew Point	TOTAL Wet Bulb
[illegible] / 85										.2								1	1		
4[illegible] / 83									.4	.2								3	3		
[illegible] / 81									.4	.6		.4						7	7		
[illegible] / 79									.4	.2	.9							7	7		
7[illegible] / 77									1.7	.9	.2							13	13		
7[illegible] / 75								.6	.2	.9								8	8		
74 / 73							.6	.6	1.1	.2								12	12		
7[illegible] / 71						.4	1.7	1.3	.6									19	19		
[illegible] / 69					.4	1.3	.6	.6	.9	.2								19	19	[illegible]	
6[illegible] / 67					.4	1.7	2.4	1.1	.2									27	27	[illegible]	
66 / 65				.4	1.9	1.7	2.8	.9	.4									35	35	4	
64 / 63			.2	1.7	2.6	2.6	1.5	1.3	.2									47	47	[illegible]	
6[illegible] / 61			.6	1.3	1.7	1.1	2.1	.6	.2									34	34	27	1
[illegible] / 59			1.5	2.6	2.1	1.5	2.1	1.3										32	32	34	1
6[illegible] / 57			.6	1.3	2.8	1.3	.6											31	31	[illegible]	9
5[illegible] / 55		.2	.6	2.8	2.8	.4	.4											34	34	52	13
54 / 53	.4	.4	1.5	2.8	1.7	.6	.2											35	35	95	22
52 / 51	.2	1.1	1.1	1.1														16	16	39	47
5[illegible] / 49	.2	1.9	1.3															16	16	61	45
4[illegible] / 47	.9	1.7	.4			.2												15	15	68	39
46 / 45	.2	1.5	1.1	.2		.4												16	16	31	73
44 / 43		.6	.6															6	6	12	47
42 / 41		.6	.4															5	5	11	59
40 / 39		1.3																6	5	5	41
38 / 37																				9	23
36 / 35																				4	17
34 / 33																					14
32 / 31																					6
3[illegible] / 29																					1
2[illegible] / 27																					5
24 / 23																					2
TOTAL	1.9	9.4	10.0	14.1	16.0	13.2	15.2	8.3	6.3	3.4	1.1	.4							458		463
																		468		460	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						[illegible] F	[illegible] F	[illegible] F	[illegible] F	[illegible] F	[illegible] F	
Rel. Hum.	1718534	27160	58.0	17.458	468							
Dry Bulb	1772174	28466	60.8	9.340	468			23.1	10.1	3.2		[illegible]
Wet Bulb	1296447	24471	52.3	6.215	468			.8				[illegible]
Dew Point	954077	20921	44.7	6.353	468		2.9					[illegible]

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6572 — STATION
WERTHEIM AAF OL — STATION NAME
73-81 — YEARS
JUN — MONTH

PAGE 1 0600-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB	TOTAL WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73							.2		.2									2		2		
72/ 71							.2	.2										4		2		
71/ 69				.2	.2	.2		.2										4		4		
69/ 67			.4	.6	.4	.4												9		9		
67/ 65		.4	1.5	.6	.7	.4	.2											20		20	2	
65/ 63	1.1	2.6	3.9	1.8	.2	.2												53		53	21	13
63/ 61	.6	2.4	3.3	2.0	.7	.4												51		51	27	15
61/ 59	.6	5.9	5.0	1.8	.2													73		75	44	26
59/ 57	.7	8.1	2.8	1.3	.7													74		75	72	49
57/ 55	1.1	5.1	1.8	1.1														50		50	92	62
55/ 53	.9	5.3	2.4	1.3														54		54	58	78
53/ 51	1.5	4.6	3.3	.7														55		55	56	64
51/ 49	1.3	3.5	1.3	.2														34		34	59	56
49/ 47	.6	2.4	.2	.4														23		23	40	51
47/ 45	.6	2.9	.7	.4														30		30	31	45
45/ 43	.2	.4	.4															5		5	20	39
43/ 41	.4	.2																3		3	9	31
41/ 39	.2	.2																2		2	2	6
39/ 37																					1	5
37/ 35																						3
35/ 33																						1
TOTAL	7.6	44.9	47.6	12.3	3.1	1.5	.6	.4	.2										547			544
																		544			544	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3841742	45302	83.3	11.288	544							
Dry Bulb	1756059	30819	56.3	6.000	547			2.8	.3			90
Wet Bulb	1572646	29104	53.5	5.357	544							90
Dew Point	1440324	27814	51.1	5.794	544		.2					92

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]573	WERTHEIM AAF OL	73-81	JUN

PAGE 1 [illegible]-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83											.4		.2					3	3			
82/ 81										.4								2	2			
80/ 79						.2				.2	.2							3	3			
78/ 77						.5	.4	.5	.5	.2								12	12			
76/ 75				.2	.5	.9	.5	.5										15	15			
74/ 73				.7	.2	.9	.7	.9										19	19			
72/ 71			.2	.4	1.6	2.2	1.4	.2	.4									35	35			
70/ 69		.2	.7	1.4	.7	1.4	.2	.2	.2									28	28	3		
68/ 67			.9	1.1	1.8	1.3	.4											30	30	14		
66/ 65			1.3	2.3	1.4	2.0	.9											44	44	19	3	
64/ 63	.5	1.3	1.6	7.3	3.6	1.6												89	91	59	26	
62/ 61		2.3	3.4	1.8	2.7	.4	.5											52	63	76	44	
60/ 59	.4	1.8	2.2	2.5	1.4	.4												48	48	80	45	
58/ 57		2.5	2.0	1.8	.9		.2											41	41	87	41	
56/ 55	.2	1.4	.9	2.3	1.1	.5												36	36	66	72	
54/ 53	.4	2.2	1.4	2.7	.7													41	41	52	61	
52/ 51	.2	.7	1.3	.2	.4													15	15	76	67	
50/ 49		.5	1.4	.7														15	15	37	54	
48/ 47	.2	1.3	.5	.4														13	13	36	43	
46/ 45		.7	.4															6	6	22	53	
44/ 43		.2																1	1	10	30	
42/ 41																					26	
40/ 39																					12	
38/ 37																					7	
36/ 35																					1	
32/ 31																					3	
TOTAL	1.8	15.1	18.1	25.8	17.[illegible]	12.2	5.2	2.3	1.1	.7	.5		.2					558	561		558	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2638249	38761	69.5	14.416	558							
Dry Bulb	2213640	34986	62.4	7.534	561			23.6	8.7	1.1		92
Wet Bulb	1789513	31437	56.3	5.746	558			2.7				90
Dew Point	1510467	28815	51.6	6.351	558		.5					92

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible] — STATION — WERTHEIM AAF OL — STATION NAME — 73-81 — YEARS — [illegible] — MONTH

PAGE 1 — 1[illegible]00-1400

Temp (F)	0	1-2	3-4	5-6	7-8	9	10	11-12	13	14	15-16	17-18	19	20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible] / 85																	.2				1	1			
[illegible] / 87															.2	.2	.4				4	4			
86 / 85														.2	.4	.2	.4				5	6			
[illegible] / 83										.4	.4										4	4			
[illegible] / 81							.4	.4		.6	.2	.4									10	10			
[illegible] / 79					.4		.4	.4	1.1	.4	.9	.2									20	20			
78 / 77							.6	2.3	1.1	1.1	.7	.2									33	33			
76 / 75				.2			.1	2.2	2.5	.4											35	35			
74 / 73				.2			2.0	2.2	.4	.4	.2										29	29	1		
72 / 71			.4	.4	1.1		1.1	1.5		.2	.2										28	29	3		
70 / 69			.9	.9	.9		2.9	.5	.2	.2											36	36	9		
68 / 67				.4	2.2		1.4	1.4	.6	.4											36	38	14	3	
66 / 65		.4	.2	2.7	1.4		1.1	1.4	.6												43	44	26	6	
64 / 63	.2	.9	2.0	4.6	2.7		2.9	2.2	.4	.2											87	89	56	17	
62 / 61			1.6	2.2	2.7		.6	.4													40	41	75	12	
60 / 59		.7	1.1	1.1	.6		.9		.2												25	25	70	34	
58 / 57		1.1	1.1	1.6	1.3		.6	.2													32	32	61	56	
56 / 55		1.1	2.0	1.6			.2														27	27	57	59	
54 / 53		1.3	.9	1.1	.4																20	20	60	60	
52 / 51		1.3	1.6	1.1	.6																25	25	34	68	
50 / 49	.2	1.1	.2	.6																	11	11	42	44	
48 / 47		.6																			3	3	16	55	
46 / 45																							18	59	
44 / 43			.2																		1	1	3	23	
42 / 41																							1	34	
40 / 39																								19	
38 / 37																								6	
36 / 35																								1	
34 / 31																								3	
TOTAL	.4	8.2	12.0	18.1	14.5	15.8	19.1	7.7	3.6	2.3	.5	.5	.4	.9							558	561	556	558	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2228494	34150	61.2	15.768	558							
Dry Bulb	2481336	36990	65.9	8.749	561			39.1	22.8	5.1		92
Wet Bulb	1866740	32106	57.5	5.907	558			4.4	.2			90
Dew Point	1486191	28569	51.2	6.494	558		.5	.5				90

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
100570	WERTHEIM AAF DL	73-81	JUN

PAGE 1 1930-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
90/ 89													.4	.6				5		5		
88/ 87									.2					.8				5.		5.		
86/ 85									.4		.4	.2	.4	.2				8		8		
84/ 83									.2	.2	.4	.2						5.		5.		
82/ 81							.2	.2	.2	.2	.6							10		10		
80/ 79						.4	.2	.6	.8	1.2	.2							17.		17.		
78/ 77						1.0	2.9	1.2	.2	1.4	.8							37		37		
76/ 75					.2	1.4	2.3	2.9	.6	.4								38.		38.		
74/ 73				.2	.2	1.8	2.5	.8										27		27		
72/ 71				.4	1.0	1.2	1.4	.6	.4	.4								27.		27.	3.	
70/ 69			.6	.6	1.0	3.5	1.0	1.0	.2									39		39	7	
68/ 67			.2	.6	1.6	.6	1.4	2.3	.4									35.		35.	15.	
66/ 65			.4	2.0	1.8	2.0	1.2	.8										41		41	32	3
64/ 63		.2	1.0	2.9	2.9	2.9	1.2											54.		54.	55.	12
62/ 61		.8	1.8	1.8	1.0	.6		.2										31		31	73	14
60/ 59		.4	1.6	.8	.4	1.2												22.		22.	57.	32
58/ 57		1.0	1.0	1.0	1.4													22		22	57	39
56/ 55			.8	1.4	.4	.2												14.		14.	57.	52
54/ 53	.2	1.4	2.7	.8	.4													27		27	42	55
52/ 51		.8	1.4	.6	.6													17.		17.	24.	48
50/ 49	.2		.4															3		3	36	52
48/ 47		.6	.2															4.		4.	14.	37
46/ 45																					13	58
44/ 43																					1.	34
42/ 41																						33
40/ 39																						13
38/ 37																						5
36/ 35																						1
TOTAL	.4	5.3	12.3	13.3	13.1	17.0	15.0	10.7	3.7	3.9	2.5	.4	.8	1.6					488			488
																		488.			488.	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1766335	28273	57.9	16.210	488							
Dry Bulb	2257856	32896	67.4	9.132	488			45.7	28.0	7.6		90
Wet Bulb	1656409	28295	58.0	5.700	488			4.6				90
Dew Point	1282045	24827	50.9	6.241	488							90

USAFETAC FORM 0-26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]570 — STATION
WERTHEIM AAF DL — STATION NAME
73-81 — YEARS
JUL — MONTH

PAGE 1 [illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Point
74/ 73						.2		.2										2		2		
72/ 71							.2		.2									2		2		
70/ 69				1.1	.4	.5												11		11		
68/ 67				.5	1.6	1.4		.2	.2									22.		22.		
66/ 65			1.6	1.4	.7	.2		.2										23		23		
64/ 63	.2	1.6	2.9	3.8	.5	.2	.2	.2										53.		53.	12.	1
62/ 61	1.3	3.6	4.3	1.6	.4	.2												63		63	45	14
60/ 59	1.6	6.1	5.2	1.1	.7	.2												63.		63.	75.	45
58/ 57	2.5	6.3	4.0	.9	.2													77		77	94	74
56/ 55	1.3	6.0	3.4	.7														63.		63.	72.	87
54/ 53	1.6	5.8	3.8	.2														63		64	95	76
52/ 51	.9	6.0	1.6															47.		47.	74.	71
50/ 49	1.4	2.2	.9															25		25	59	67
48/ 47	.2	1.8																11.		11.	26.	57
46/ 45	.9	.4	.2															8		8	7	40
44/ 43																					2.	12
42/ 41																						5
40/ 39																						4
TOTAL	11.9	39.8	28.0	11.4	4.5	2.9	.4	.7	.4										554			553
																		553.			553.	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3922822	46094	83.4	12.096	553							
Dry Bulb	1874678	32068	57.9	5.430	554			6.2	.2			93
Wet Bulb	1689573	30395	55.0	4.245	553							93
Dew Point	1544354	29118	52.7	4.496	553							93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]-570	WERTHEIM AAF DL	73-81	JUL

PAGE 1 [illegible]-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/87												.2						1	1			
[illegible]/81										.2		.4						3	3			
[illegible]/79						.2	.2	.2	.2	.4		.4						8	8			
7[illegible]/77					.2	.7	1.6	.5	.2	.4	.2	.2						22	22			
76/75					.4	2.2	1.3	.5	.4		.2							26	26			
74/73				.7	.9	1.8	1.6	1.1	.2									35	35			
72/71				.2	1.1	1.1	2.3	.5										29	29			
7[illegible]/69			.9	1.8	2.3	2.2			.2									41	41	2		
6[illegible]/67			.5	.9	2.3	.9	.2	.4										29	29	14		
6[illegible]/65		.2	1.4	3.1	1.6	.2	.2											37	37	33	2	
64/63	.4	.9	3.9	4.8	4.1	.7												83	83	72	18	
62/61	.2	1.4	3.4	3.9	2.3	.4	.2											66	66	70	21	
6[illegible]/59	.5	1.4	2.9	3.4	1.1	.2												53	53	62	64	
58/57	.5	3.1	2.3	1.8	.4	.2												46	46	63	71	
56/55	.7	2.3	1.8	1.1	.2													34	34	53	77	
54/53	.2	4.3	1.1	.4														33	33	67	64	
52/51	.2	.9	.5															9	9	47	76	
5[illegible]/49		.2																1	1	19	73	
48/47	.2																	1	1	6	44	
46/45																					25	
44/43																					11	
42/41																					6	
40/39																					5	
TOTAL	2.9	14.7	18.9	22.1	16.9	12.4	7.5	3.2	1.1	.9	.4	1.1						557	557	557	557	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2843555	38869	69.8	15.017	557							
Dry Bulb	2331324	35812	64.3	7.199	557			32.4	15.9	1.8		93
Wet Bulb	1890672	32348	58.1	4.655	557			2.7				93
Dew Point	1609414	29814	53.5	4.944	557							93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] — STATION — WERTHEIM AAF OK — STATION NAME — 73-81 — YEARS — JUL — MONTH

PAGE 1 — [illegible]-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 89												.5						3		3		
88 / 87													.4	.5				5		5		
86 / 85											.2			.2				2		2		
84 / 83									.4	.4	.5		.5	.5				13		13		
82 / 81					.4	.2	1.3	.7	1.3	1.1	.5			.2				31		31		
80 / 79						.2	.3	1.6	.7	.4		.4	.2					24		24		
78 / 77						.4	2.7	2.2	2.2	.4	.5							45		45		
76 / 75			.2		.7	.4	2.2	1.6										28		28		
74 / 73					.2	1.3	2.0	.7	.2									24		24	2	
72 / 71				.4	1.4	1.3	2.4	.4										32		32	3	
70 / 69			.4	1.4	1.8	2.9	1.4	.5										47		47	7	3
68 / 67			.4	1.4	2.2	1.3	.9											33		33	26	1
66 / 65			.9	1.3	2.0	1.6	.7	.2										37		37	41	1
64 / 63		.9	1.6	2.7	3.6	2.5		.2										64		64	51	16
62 / 61	.2	1.4	.5	2.2	2.5	.4	.2											41		41	50	20
60 / 59		3.6	2.0	2.5	2.2	.2												57		57	56	61
58 / 57		1.8	.7	1.3	.5													24		24	73	67
56 / 55	.4	2.7	1.4	.5														28		28	66	62
54 / 53		1.8	.4															12		12	56	63
52 / 51		.4																2		2	34	64
50 / 49																					11	55
48 / 47																						43
46 / 45																						36
44 / 43																						13
42 / 41																						12
40 / 39																						6
38 / 37																						2
36 / 35																						1
TOTAL	.5	12.7	3.5	13.8	17.2	12.5	14.7	8.2	4.5	3.2	1.8	.9	1.1	1.4					552			552
																		552		552		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: <0 F	<32 F	>67 F	>73 F	>80 F	>93 F	Total
Rel. Hum.	2262555	34707	61.6	17.435	552							
Dry Bulb	2601165	37595	68.1	8.593	552			48.4	29.5	11.5		23
Wet Bulb	1961515	32797	59.4	4.836	552			6.7	.3			23
Dew Point	1576510	29346	53.2	5.454	552			.7				23

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]5[illegible]	WERTHEIM AAF DL	73-81	JUL

PAGE 1 15[illegible]-17[illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet B. - Dew P.
[illegible]/ 93															.2			1	1		
[illegible]/ 91														.4				2	2		
[illegible]/ 89													.4					2	2		
[illegible]/ 87													.2	1.4				6	8		
[illegible]/ 85										.2		.2	.6					5	5		
[illegible]/ 83								.4	.4	1.2	.2			.6				14	14		
[illegible]/ 81						.2	.8	1.2	1.6	1.6	.6	.2		.6				33	33		
[illegible]/ 79						.8	.4	.8	1.2	.6	.2	.2						22	22		
[illegible]/ 77					.2	.6	2.8	3.8	1.4	.4	.2							47	47		
[illegible]/ 75						1.2	1.6	2.2		.6								26	26		
[illegible]/ 73				.4	.2	1.8	1.8	1.2										27	27		
[illegible]/ 71					1.2	1.6	3.6	1.6										39	39		
[illegible]/ 69				.6	2.2	2.6	.6	.8										34	34	15	
6[illegible]/ 67			.4	1.2	2.8	.6	1.2	1.2										34	34	19	1
[illegible]/ 65		.2	1.2	1.2	2.2	1.4	.4	.2										32	32	[illegible]	4
[illegible]/ 63	.2	.6	2.2	1.8	4.4	2.4	.6											52	52	55	11
[illegible]/ 61		1.2	.8	.8	5.2	.2												42	42	52	15
[illegible]/ 59		2.4	1.2	3.2	.8													41	41	55	45
[illegible]/ 57		1.4	.4	1.2														14	14	71	71
5[illegible]/ 55		1.4	1.2	.2														13	13	53	64
5[illegible]/ 53	.2	1.2																7	7	51	54
[illegible]/ 51																				17	55
5[illegible]/ 49																				1	45
4[illegible]/ 47																					57
4[illegible]/ 45																					35
44/ 43																					6
42/ 41																					15
4[illegible]/ 39																					1
36/ 35																					3
34/ 33																					3
TOTAL	.4	9.4	6.6	9.8	18.8	13.2	13.6	12.8	4.4	4.6	1.2	.6	1.2	3.0	.2				499		499
																		499		499	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	1013477	28841	57.8	17.154	499							
Dry Bulb	2459576	34774	69.7	8.534	499			34.4	34.5	13.4	.2	93
Wet Bulb	1798213	29[illegible]69	59.9	4.553	499			5.8	.2			93
Dew Point	1406302	26346	5[illegible]	5.553	499			.2				93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 6572	WERTHEIM AAF OL	73-81	AUG

PAGE 1 0600-0900

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73					.2													1	1			
7 / 71			.2															1	1			
7 / 69				.2	.2													2	2	1		
68/ 67			.7	.7	.5	.2												12	12			1
66/ 65		.2	1.2	1.0	.2													16	16	3		
64/ 63	.7	2.6	3.3	1.7	.2													50	50	21	12	
62/ 61	.3	5.2	3.7	1.2		.2												61	61	35	12	
6 / 59	3.1	7.0	3.3	2.8	.5	.5												99	99	81	67	
58/ 57	.5	8.7	4.4	1.2	.2	.2												87	87	64	62	
56/ 55	2.4	5.9	2.3	2.1														73	73	88	75	
54/ 53	3.0	6.1	1.4	.9														65	65	104	83	
52/ 51	1.6	3.7	.9	.3	.2													38	38	65	77	
5 / 49	2.1	2.1	.7															28	28	49	56	
48/ 47	.5	1.6	.7	.2														17	17	23	41	
46/ 45	1.2	1.7																17	17	27	46	
44/ 43	.3	.2																3	3	8	12	
42/ 41	.2	.2																2	2	2	19	
40/ 39	.2																	1	1	2	4	
38/ 37																					3	
TOTAL	16.2	45.5	22.7	12.4	2.1	1.0													573			573
																		573		573		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4321746	49396	86.2	13.538	573							
Dry Bulb	1873728	32526	56.9	5.295	573			2.6	.2			73
Wet Bulb	1720693	31277	54.6	4.849	573			.2				73
Dew Point	1608114	30208	52.7	5.219	573			.2				73

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13970	WERTHEIM AAF FL	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 DY 00-11 00

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 80								.2										1	1			
82/ 81							.2	.2	.2									4	4			
80/ 79								.2	.3									3	3			
78/ 77					.5	.3	1.0	.5	.2	.2								16.	16.			
76/ 75					.7	1.2	.5	.3	.2									18	18			
74/ 73				.9	.7	1.2	.5	1.5	.2	.2								27.	27.			
72/ 71			.3	.7	1.0	.9	1.2	.5	.2									28	28			
70/ 69			1.0	1.2	2.6	1.2	.7	.2	.2									41	41	6.		
68/ 67		.3	.9	1.9	1.9	2.2	.5		.2									46	46	19		
66/ 65	.2	.5	2.4	3.1	1.4	1.2		.5										54	54	33.	7	
64/ 63		2.8	5.0	5.0	4.0	1.4	.5											108	108	56	26	
62/ 61		2.6	2.2	3.3	2.6	.9	.2											66.	68.	76.	43	
60/ 59	.7	3.1	4.5	2.8	1.7	.5												77	77	93	66	
58/ 57	.3	2.6	1.2	1.7	.3													37.	37.	93.	78	
56/ 55	.7	1.7	1.4	.9	.2													28	28	86	73	
54/ 53	.3	1.2	1.2	.3														16.	18.	57.	72	
52/ 51		.2	.5															4	4	34	64	
50/ 49		.2	.2															2.	2.	16.	51	
48/ 47		.2																1	1	5	40	
46/ 45																				1.	35	
44/ 43																					12	
42/ 41																					10	
40/ 39																					2	
38/ 37																					2	
TOTAL	2.2	15.5	27.8	21.7	17.6	11.0	5.5	3.6	1.7	.3								581		581		581

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3034152	41158	70.8	14.295	581							
Dry Bulb	2423566	37348	64.3	6.263	581			29.5	11.0	1.3		93
Wet Bulb	1994026	33934	58.4	4.562	581			4.0				93
Dew Point	1714493	31407	54.1	5.371	581							93

USAFETAC FORM 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 1570	WERTHEIM AAF OL	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1400-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 91													.2					1	1			
/ 89												.2						1	1			
88/ 87									.2	.3	.2							4	4			
86/ 85									.2	.3								3	3			
84/ 83								.5	.5	.5	.3							11	11			
82/ 81						.2	1.4	.5	1.0	.3	.2	.2						22	22			
80/ 79					.2	.9	.2	.9	1.2	.7	.2	.2						25	25			
78/ 77					.5	1.0	.7	2.2	1.9	1.0	.9	.2						45	49			
76/ 75				.7	.2	1.0	3.1	2.2	1.2		.2							50	50			
74/ 73				1.0	.2	2.2	1.9	1.7	.2	.5	.2							46	46			
72/ 71				.9	2.6	1.2	2.1	1.2	.2	.2								49	49	3		
70/ 69				.5	1.4	2.6	.3	.3	.2									31	31	27		
68/ 67			.5	1.4	3.1	2.8	1.0	.5										54	54	34		1
66/ 65			1.7	2.4	3.3	1.4	1.7	.5										54	54	36		5
64/ 63		.9	2.6	3.8	2.8	1.7	.2	.2										70	70	86		27
62/ 61		.5	1.9	.9	1.6	.7												32	32	89		54
60/ 59		1.6	2.6	1.0	.5													33	33	175		64
58/ 57		1.0	.9	1.0		.3												19	19	78		71
56/ 55		.3	.3	.5	.2													8	8	53		62
54/ 53		.3	.7															6	6	43		64
52/ 51																				10		68
50/ 49		.2	.2															2	2	7		46
48/ 47																				4		42
46/ 45																						39
44/ 43																						13
42/ 41																						12
40/ 39																						7
38/ 37																						2
36/ 35																						2
TOTAL		4.8	11.4	14.1	16.5	16.0	12.6	10.9	6.7	4.0	2.1	.7	.2						580			580
																		580		580		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2168363	34345	59.2	15.230	580							
Dry Bulb	2830284	40286	69.5	7.443	580			55.5	34.0	9.1		93
Wet Bulb	2116870	34934	60.2	4.694	580			9.8				93
Dew Point	1689491	31125	53.7	5.759	580			.2				93

USAFETAC FORM 0-26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]570 — STATION — WERTHEIM AAF DL — STATION NAME — 73-81 — YEARS — AUG — MONTH

PAGE 1 — 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93												.2						1	1			
92/ 91											.2							1	1			
90/ 89											.4							2	2			
88/ 87										.7	.2	.2						6.	6.			
86/ 85									.4	.6		.6						8	8			
84/ 83								.7	.4	.4	1.5	.4						16.	18.			
82/ 81							.9	.6	1.3	.9	.6		.2					24	24			
80/ 79						.6	.7	.6	1.3	.4	.6	.4	.4					26.	26.			
78/ 77				.2	.4	.4	1.3	2.4	2.8	2.6	.4	.7						60	60			
76/ 75				.2	.4	.2	2.4	2.1	.9	.7								37	37			
74/ 73				.7	.4	1.7	3.2	3.0	.6		.4							53	53			
72/ 71			.2	.6	1.9	.9	1.7	.4	1.3		.2							38.	38.	4.		
70/ 69			.7	1.7	1.3	3.4	.9	.4										45	45	20		
68/ 67				1.5	1.9	3.2	1.1	.2										42.	42.	23.	1	
66/ 65		.2	.7	1.5	2.1	1.3	1.7											40	40	50	3	
64/ 63		.9	.7	2.1	2.2	2.1	.9	.2										45.	45.	75.	25	
62/ 61		1.7	.7	2.1	1.9	.2												35	35	92	25	
60/ 59		1.9	1.9	1.3	.6	.2												31.	31.	86.	66	
58/ 57		.6	.6	.6		.4												11	11	72	51	
56/ 55		.6		.6														6.	6.	55.	66	
54/ 53		.2	.2	.4														4	4	32	77	
52/ 51			.2															1.	1.	12.	57	
50/ 49		.2																1	1	7	62	
48/ 47																				4.	34	
46/ 45																					46	
44/ 43																					12	
42/ 41																					14	
40/ 39																					4	
38/ 37																					3	
36/ 35																					2	
34/ 33																					3	
32/ 31																					1	
TOTAL		6.2	6.0	13.3	17.9	14.4	14.2	10.5	9.0	6.4	4.3	2.4	.6					535	535	535	535	535

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1804571	29805	55.7	16.429	535
Dry Bulb	2714924	37880	70.8	7.847	535
Wet Bulb	1965158	32330	60.4	4.632	535
Dew Point	1519626	28332	53.0	6.004	535

Mean No. of Hours with Temperature

	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb			62.8	41.0	13.6	.2	93
Wet Bulb			9.0				93
Dew Point		.2	.2				93

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-970 — STATION
WERTHEIM AAF FL — STATION NAME
73-81 — YEARS
SEP — MONTH

PAGE 1 — HOURS 0600-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67			.2		.4													3	3			
66/ 65					.4													2	2	1		
64/ 63		.8	.8	.4														10	10	1	1	
62/ 61	.6	1.2	1.2	.2	.4													18	18	10	5	
60/ 59	2.7	4.1	1.9	1.4	.2													53	53	31	27	
58/ 57	2.3	5.1	.8	.2	.2													44	44	36	25	
56/ 55	4.3	6.2	1.6	.2														63	63	62	54	
54/ 53	3.3	4.9	1.4															49	49	56	47	
52/ 51	1.6	4.5	1.0															37	37	45	46	
50/ 49	4.1	6.0	1.6															62	62	72	57	
48/ 47	2.5	6.8	.6															51	51	57	54	
46/ 45	6.6	5.1	.6															63	63	65	46	
44/ 43	2.9	2.9																30	30	35	39	
42/ 41	1.6	1.6																16	16	22	33	
40/ 39	1.4	.6																10	10	11	16	
38/ 37	.8																	4	4	7	9	
36/ 35	.2																	1	1	1	1	
TOTAL	35.0	49.6	11.5	2.3	1.6														514			514
																		514		514		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	436794	47142	91.7	8.506	514							
Dry Bulb	1395459	26597	51.7	6.117	514			.5				90
Wet Bulb	1323790	25924	50.4	5.636	514							90
Dew Point	1267613	25363	49.3	5.601	514							90

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
12[illegible]570	WERTHEIM AAF DL	73-81	SEP

 2[illegible]6-11[illegible]0

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/79										.2								1	1		
7[illegible]/77								.4										2	2		
76/75					.2		.2											2	2		
74/73				.2	.4	.6												6	6		
72/71				.7	1.3	.2												12	12		
7[illegible]/69		.2		1.1	.7	.4												13	13		
68/67			.2	.4	1.1	.7	.2											14	14	3	
66/65		.2	2.0	1.3	.6	.6												25	25	10	1
64/63	.2	2.2	1.1	2.6	1.7	.4	.2											45	45	25	7
62/61	.9	1.7	2.2	2.6	1.3	.7												51	51	41	17
[illegible]/59	.7	3.7	4.2	1.7	.6	.2												60	60	35	47
[illegible]/57	1.5	3.1	5.7	1.8	1.1	.2												73	73	63	34
56/55	1.5	2.8	3.9	2.4	.7													61	61	66	55
[illegible]/53	.9	2.2	3.1	1.1														40	40	66	44
52/51	.6	4.8	2.8	.4	.2													47	47	58	52
50/49	.7	3.5	2.6	.6														40	40	74	68
48/47	.7	1.8	.7															18	18	46	74
46/45	1.8	2.2	.7															26	26	38	74
44/43	.6	.6																6	6	12	35
42/41		.2																1	1	3	24
40/39																				1	9
38/37																					1
36/35																					1
TOTAL	10.1	29.1	29.3	16.8	9.8	3.9	.6	.4		.2									543		543
																		543		543	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	3531287	43255	79.7	12.569	543
Dry Bulb	1815738	31100	57.4	6.836	543
Wet Bulb	1586934	29200	53.8	5.550	543
Dew Point	1421879	27615	50.9	5.679	543

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			8.3	1.8	.2		90
Wet Bulb			.5				90
Dew Point							90

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]6570	WERTHEIM AAF OL	73-81	SEP

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85												.2						1	1		
84/ 83										.4	.4							4	4		
82/ 81								.4	.2	.2								4	4		
80/ 79								.4	.2									3	3		
78/ 77					.6	.4	.7	.4										11	11		
76/ 75					.6	1.8	1.3	.2										21	21		
74/ 73				.7	.4	1.7	.9	.9	.2									26	26		
72/ 71			.2	.2	2.4	.6	2.4	.4	.2									34	34		
70/ 69				.7	1.7	1.7	.6	.4										27	27	4	
68/ 67			.6	.6	2.4	2.2	.7	.6	.2									39	39	14	
66/ 65		.2	1.5	1.5	1.1	1.3	.6											33	33	25	1
64/ 63			1.8	3.3	4.3	2.8	.9											71	71	52	15
62/ 61	.4	1.3	1.5	2.6	2.6	.7	.4											51	51	39	17
60/ 59	.4	1.1	3.1	5.2	2.2	1.3												72	72	66	48
58/ 57	.2	.9	2.2	2.4	1.7													40	40	53	47
56/ 55	.6	.9	1.7	1.8	.4													29	29	77	46
54/ 53	.4	.4	3.5	1.1	.2													30	30	72	37
52/ 51	.2	.6	2.2	.6	.6													22	22	45	65
50/ 49	.2	.7	.6		.2													9	9	46	63
48/ 47	.4	.7	.4															8	8	26	59
46/ 45		.6	.4															5	5	12	70
44/ 43		.2																1	1	6	27
42/ 41																					33
40/ 39																					9
38/ 37																					1
36/ 35																					3
TOTAL	2.6	7.6	19.6	27.7	21.1	14.4	6.5	3.5	.9	.6	.4	.2						541	541	541	541

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2506155	36029	66.6	14.059	541							
Dry Bulb	2183131	34111	63.1	7.743	541			28.3	11.5	2.3		93
Wet Bulb	1734994	30464	56.3	5.660	541			3.0				93
Dew Point	1433882	27658	51.1	6.070	541							93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13873	WERTHEIM AAF DL	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87												.2						1	1		
86/ 85												.6						3	3		
84/ 83										.2	.6							4	4		
82/ 81								.2	.2	.2								3	3		
80/ 79						.2	.4	.4										5	5		
78/ 77					.2	.4	2.5	.6										19	19		
76/ 75					.8	1.7	1.1	.4										19	19		
74/ 73					1.1	1.3	2.5	1.1	.4									30	30		
72/ 71				.2	.6	.2	3.[illegible]	1.1		.2								25	25		
70/ 69			.2	.2	2.5	2.1	.6	1.1	.2	.2								34	34	3	
68/ 67				.8	.8	1.1	1.9	.2										23	23	9	
66/ 65	.2		1.1	1.7	.8	1.1	1.7	.2										32	32	37	2
64/ 63		.6	2.8	3.4	2.8	3.6	1.1											67	67	73	6
62/ 61		.2	.6	1.5	2.3	3.0	.2											37	37	43	13
60/ 59		1.5	2.8	3.2	1.7	1.1												48	48	53	44
58/ 57	.2	.4	2.5	3.2	1.7													38	38	47	35
56/ 55		1.1	1.7	2.1	.6	.2												27	27	51	37
54/ 53		.2	3.0	1.3	.4													23	23	77	39
52/ 51		1.1	.6	.2														9	9	38	51
50/ 49	.4	.6	2.1															15	15	49	41
48/ 47		.4	.6															5	5	14	57
46/ 45		.8	.2															5	5	12	73
44/ 43																				6	29
42/ 41																					34
40/ 39																					5
38/ 37																					5
36/ 35																					1
TOTAL	.8	7.0	18.2	17.8	16.5	15.9	15.0	5.5	.8	.8	.6	.8						472	472	472	472

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1999059	29951	63.5	14.462	472							
Dry Bulb	1963518	30196	64.0	8.209	472			31.7	16.0	2.9		90
Wet Bulb	1518479	26637	56.4	5.688	472			2.3				90
Dew Point	1224179	23869	50.6	6.030	472							90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16573	WERTHEIM AAF DL	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0600-1800 HRS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
62/ 61				.5		.2												4	4		
60/ 59		.2	.2															4	2		
58/ 57		.4	.2	.7														7	7	1	
56/ 55			.7	.4														6	6	6	1
54/ 53	.7	1.4																12	12	7	7
52/ 51	2.5	3.4	.2															34	34	32	42
50/ 49	2.3	1.1	.5															22	22	32	23
48/ 47	3.4	2.2	.4															33	33	35	40
46/ 45	9.4	8.3	1.4															106	106	87	82
44/ 43	6.3	3.4	.2															55	55	66	67
42/ 41	8.5	6.1																81	81	76	74
40/ 39	6.5	3.1																53	53	56	75
38/ 37	7.4	.4	.2	.2														45	45	58	57
36/ 35	4.9	1.4	.2															36	36	32	34
34/ 33	3.1	1.1																23	23	26	20
32/ 31	2.7																	15	15	20	24
30/ 29	.9	.4																7	7	7	10
28/ 27	1.8	.4																12	12	11	13
26/ 25	.2																	1	1	2	3
24/ 23																					2
TOTAL	67.6	33.2	4.2	1.8		.2												554	554		554
																		554		554	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5035029	52651	95.0	7.510	554							
Dry Bulb	1025463	23561	42.5	6.511	554		5.9					93
Wet Bulb	990496	23184	41.8	6.056	554		6.7					93
Dew Point	957166	22790	41.1	5.961	554		8.7					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]573	WERTHEIM AAF DL	73-81	OCT

PAGE 1 2900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
6[illegible]/ 67					.2													1	1		
66/ 65				.2														1	1		
64/ 63				.5	.2													4	4		
62/ 61			.2	.4	.2													4	4		
[illegible]/ 59		.4		1.1	.2													9	9	5	
5[illegible]/ 57		.7	.9	1.1	.4													17	17	7	2
54/ 55	.5	1.1	1.1	.4														17	17	9	8
52/ 53	1.4	2.3	2.5	1.1	.2													42	42	28	16
50/ 51	1.4	1.4	2.0															27	27	36	20
[illegible]/ 49	2.0	3.5	2.3	1.1														50	50	41	29
46/ 47	2.7	5.5	1.4															54	54	61	48
44/ 45	4.1	11.3	1.8	.2														98	98	96	65
44/ 43	3.9	6.0	1.4	.2														65	65	74	68
42/ 41	5.2	5.3	.2	.4														61	61	68	101
40/ 39	3.7	3.4	.9															45	45	45	57
38/ 37	4.4	.9	.5															33	33	45	57
36/ 35	2.0	.5	.2															15	15	24	22
34/ 33	1.6	.7																13	13	16	17
32/ 31	.5		.2															4	4	6	6
30/ 29	.5																	3	3	4	9
28/ 27	.2																	1	1	1	8
26/ 25																					1
TOTAL	33.9	43.1	15.4	6.4	1.2														564		564
																		564		564	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4560410	50368	89.3	10.519	564							
Dry Bulb	1207205	25827	45.8	6.600	564		1.3	.2				93
Wet Bulb	1121715	24939	44.2	5.803	564		1.8					93
Dew Point	1044381	24053	42.6	5.746	564		4.0					93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]570	WERTHEIM AAF DL	73-81	OCT

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71						.2	.2											2	2		
70/ 69					.4		.4											4	4		
68/ 67					.5	.4												5	5		
66/ 65				.2		.9												6	6		
64/ 63			.4	1.3	.7	.9												21	21	2	
62/ 61			.5	.9	.7	.5												15	15	3	
60/ 59		.7	1.1	1.9	2.3	.2												35	35	11	2
58/ 57	.2	.7	1.2	1.2	1.4													27	27	24	6
56/ 55	.2	1.4	.9	2.8	.7	.2												35	35	31	12
54/ 53	.2	2.5	2.6	3.0	.5													53	53	41	19
52/ 51	1.4	2.3	4.8	1.4	.4													58	58	45	40
50/ 49	.5	1.9	2.6	1.8														39	39	59	28
48/ 47	.4	3.9	3.2	.9	.7													51	51	71	39
46/ 45	.9	9.9	3.4	1.2	.5													90	90	86	92
44/ 43	2.6	3.5	2.3	.4														50	51	70	89
42/ 41	1.8	4.8	1.6	.2														47	47	46	92
40/ 39	1.8	.9	.2	.2														17	17	54	63
38/ 37	1.8	.2																11	11	24	36
36/ 35	.2	.2																2	2	3	19
34/ 33	.4																	2	2	4	9
32/ 31																					12
30/ 29																					8
28/ 25																					1
TOTAL	12.2	32.8	44.7	17.8	8.8	3.2	.3												568		567
																		567		567	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3672302	44990	79.3	3.455	567							
Dry Bulb	1460711	28507	50.2	7.273	568			1.8				93
Wet Bulb	1266130	26592	46.9	5.791	567							93
Dew Point	1099969	24757	43.7	5.794	567		3.4					93

USAFETAC FORM JUN 71 0 26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
108570	WERTHEIM AAF OL	73-81	OCT

PAGE 1 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73							.6											3	3			
72/ 71						.4	.8	.2										7	7			
70/ 69					.7	.2	.2											3	3			
68/ 67					.9		.9											12	12			
66/ 65					1.5	.4	.5											14	14			
64/ 63			.2	1.1	.9	.4	.5											17	17			
62/ 61			.2	1.5	1.1	.4												17	17	7		
60/ 59		.4	.6	1.7	1.7	.4												23	23	15		
58/ 57		.4	1.3	1.9	2.3	.4												33	33	21	2	
56/ 55		1.9	.9	2.6	.5													32	32	29	7	
54/ 53	.2	1.1	3.2	3.8														44	44	32	26	
52/ 51	.8	1.7	3.8	1.1														39	39	43	38	
50/ 49	1.1	2.6	3.8	1.7	.4													51	51	57	28	
48/ 47	.2	4.7	1.7	.4	1.1													43	43	71	32	
46/ 45	.9	9.2	4.9	1.9	.8													94	94	73	65	
44/ 43	1.1	3.0	2.1	.6														36	36	53	82	
42/ 41	.9	5.1	.9	1.1														43	43	64	88	
40/ 39	1.3	1.9																17	17	36	27	
38/ 37	.6																	3	3	28	34	
36/ 35		.6																3	3		22	
34/ 33																				3	7	
32/ 31																					9	
30/ 29																					11	
28/ 27																					5	
TOTAL	7.1	32.5	23.5	19.4	11.1	2.4	3.9	.2										532	532	532	532	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3219882	40666	76.5	14.283	532							
Dry Bulb	1419053	27161	51.1	7.807	532			4.2	.5			93
Wet Bulb	1203706	25108	47.2	5.938	532							93
Dew Point	1021323	23101	43.4	5.856	532		4.4					93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

136570 — STATION
WERTHEIM AAF OL — STATION NAME
73-81 — YEARS
NOV — MONTH

PAGE 1 — 0600-1800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
61/59		.2	.2															2	2			
58/57			.4															2	2	1		
56/55			.4															2	2	1	1	
54/53		.4	.2															3	3	2	1	
52/51		1.0	.2															6	6	6		
50/49	.8	1.6	.6															16	16	11	11	
48/47	1.0	1.6	.2															14	14	19	12	
46/45	2.1	4.5	1.0															32	32	25	31	
44/43	1.6	3.3	1.2	.2														32	32	33	19	
42/41	2.7	8.2	1.0															51	51	41	43	
40/39	2.3	7.6	.2															52	52	44	53	
38/37	6.0	5.1	.6															60	60	76	59	
36/35	8.9	5.3	.2															48	48	57	44	
34/33	6.2	3.7	.2															52	52	55	61	
32/31	3.7	1.9																29	29	44	48	
30/29	3.3	2.1	.4															30	30	26	43	
28/27	4.1	1.4																28	28	27	32	
26/25	.8	.8																8	8	12	15	
24/23	1.8	.2																10	10	13	12	
22/21	.6	.4																5	5	4	11	
20/19	1.0																	5	5	7	5	
18/17	1.2																	6	6	6	9	
16/15	.6																	3	3	3	6	
TOTAL	43.7	49.1	7.0	.2															513		513	
																		513		513		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	436042	471.6	91.8	7.994	513							
Dry Bulb	738053	19063	37.2	7.613	513		21.8					90
Wet Bulb	700295	18587	36.2	7.242	513		24.9					90
Dew Point	653913	17927	34.9	7.322	513		31.8					90

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

108570	WERTHEIM AAF OL	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 [illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67/ 59		.2	.6															4	4		
64/ 57			.2															1	1	1	
59/ 55			.4	.2														3	3	3	1
54/ 53	.2	.4	1.4	.4														12	12	4	3
57/ 51	.2	1.6	.6															12	12	7	4
51/ 49	.2	1.6	.8	.2														14	14	19	5
47/ 47		2.7	.2															15	15	14	13
49/ 45	1.3	7.4	1.9	.2														54	54	37	38
44/ 43	1.2	5.4	1.2	.2														41	41	39	29
42/ 41	1.3	9.7	1.9	.2														66	65	42	43
40/ 39	1.7	8.9	.6															58	59	55	55
39/ 37	3.9	4.1	1.3	.2														47	47	75	57
36/ 35	2.9	6.2	.4															49	49	45	57
34/ 33	4.1	1.7	.4															32	32	57	65
32/ 31	2.9	1.7	.4															26	26	30	37
31/ 29	2.7	2.7	.2															29	29	30	33
29/ 27	3.3	1.4	.2															25	25	22	31
26/ 25	1.3	1.3																10	10	11	11
24/ 23	1.2	.8																10	10	11	14
22/ 21	.4																	2	2	5	11
19/ 19	.4																	2	2	2	4
18/ 17	.6																	3	3	3	6
16/ 15																					1
14/ 13																					1
TOTAL	28.7	57.5	12.2	1.6															515		515
																		515		515	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4139260	45944	89.2	5.881	515							
Dry Bulb	803596	19964	38.8	7.600	515		18.7					90
Wet Bulb	748557	19295	37.5	7.064	515		19.9					90
Dew Point	684721	18417	35.8	7.127	515		26.0					90

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 6570 — STATION
WERTHEIM AAF DL — STATION NAME
73-81 — YEARS
NOV — MONTH

PAGE 1 — 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63					.2													1	1		
62/ 61			.2	.4	.4													2	2		
60/ 59			.2	.2														2	2		
58/ 57		.4		1.2	.2													2.	2.	2.	
56/ 55			1.8	.8	.4													15	15	5	
54/ 53		.4	1.8	.8	.2													16.	16.	3.	4
52/ 51		1.2	.4	1.2														14	14	2	2
50/ 49	.2	.4	2.5	1.3														21.	21.	21.	13
48/ 47	.2	2.9	2.1	1.3														32	32	12	23
46/ 45	.8	5.5	5.5	1.4														67	67	53.	26
44/ 43	.4	2.9	2.5	1.3	.4													37	37	45	27
42/ 41	1.2	8.6	5.8	.6														53.	53.	53.	33
40/ 39	1.3	6.4	.8	.2														43	43	48	53
38/ 37	2.9	3.7		.2														35.	35.	76.	62
36/ 35	1.4	5.3	1.2															40	40	77	54
34/ 33	2.9	2.5																28.	28.	52.	57
32/ 31	2.1	.4	.6															16	16	32	44
30/ 29	.4	3.5	.4															22.	22.	15.	21
28/ 27	1.3	2.1	.4															18	18	32	23
26/ 25	.3	.8																6.	6.	12.	23
24/ 23		.4																2	2		14
22/ 21	.2																	1.	1.	3.	3
20/ 19																					6
18/ 17																					1
TOTAL	15.4	47.0	26.1	7.7	1.8													513	513	513.	513

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3587965	42522	82.9	11.124	513							
Dry Bulb	917694	21336	41.6	7.695	513		11.4					93
Wet Bulb	817841	20187	39.4	6.772	513		13.3					93
Dew Point	709322	18748	36.5	6.827	513		23.2					93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12672 — STATION
WERTHEIM AAF FL — STATION NAME
73-31 — YEARS
NOV — MONTH

PAGE 1 — 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
68/ 63				.2														1	1		
66/ 61				.2	.2													2	2		
64/ 59				.2	.2													2	2		
62/ 57		.6	.2	1.2	.2													11	11	1	
60/ 55			1.4	.6	.6													13	13	4	
58/ 53		1.0	1.0	1.0	.2													16	16	3	4
56/ 51		1.2	1.0	.8														15	15	23	2
54/ 49		.4	2.2	.4														15	15	15	10
52/ 47		2.2	2.4	.6														26	26	14	16
50/ 45	.2	5.1	5.3	1.2														60	60	45	20
48/ 43	.8	3.2	4.2	.6	.4													46	46	39	29
46/ 41	1.6	10.1	5.3	.6														89	89	61	57
44/ 39	1.0	5.9	1.8															44	44	53	61
42/ 37	1.8	4.7	.8															37	37	71	51
40/ 35	1.2	5.5	1.2															40	40	50	60
38/ 33	2.4	1.4	.2															20	20	40	59
36/ 31	2.2	.4	.4															15	15	20	43
34/ 29	.8	3.2	.2															21	21	14	25
32/ 27	1.4	3.2	.8															27	27	32	22
30/ 25	.4	.2																3	3	7	22
28/ 23	.2	.4																3	3	4	14
26/ 21																					6
24/ 19																					4
22/ 17																					1
TOTAL	13.8	48.6	28.3	7.5	1.8														506		506
																		506		506	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3508912	41802	82.6	10.487	506							
Dry Bulb	896960	20868	41.3	7.537	506		12.3					92
Wet Bulb	793659	19755	39.0	6.659	506		13.7					92
Dew Point	685805	18317	36.2	6.710	506		24.4					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]570	WERTHEIM AAF DL	73-81	DEC

PAGE 1 [illegible]-08[illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]2/ 51			.4																2	2		
[illegible]/ 49		1.8																	9	9	3	
[illegible]/ 47		1.6	.4																10	10	10	1
[illegible]/ 45	1.0	2.8	.4																21	21	23	24
44/ 43	.4	3.0																	17	17	10	11
42/ 41	.6	4.6																	26	26	16	15
[illegible]/ 39	1.6	3.0	.2																24	24	29	27
[illegible]/ 37	3.0	2.2	.4																28	28	30	33
[illegible]/ 35	2.8	7.4	1.0																56	56	72	24
34/ 33	6.0	6.2	.2																52	52	76	36
[illegible]/ 31	3.8	4.6																	42	42	66	71
[illegible]/ 29	1.6	1.8																	17	17	17	44
[illegible]/ 27	3.4	.8																	46	46	46	59
[illegible]/ 25	5.0	.4																	32	32	31	29
24/ 23	4.8	.4																	26	26	25	32
22/ 21	3.4	.2																	18	18	19	16
[illegible]/ 19	3.2	.4																	18	18	17	21
[illegible]/ 17	2.6																		13	13	15	14
16/ 15	2.2																		11	11	11	17
[illegible]/ 13	1.0																		5	5	5	6
12/ 11	2.0	.2																	11	11	11	6
[illegible]/ 9	.6																		3	3	3	9
[illegible]/ 7																						2
[illegible]/ 5	.4																		2	2	2	1
[illegible]/ 3	.2																		1	1	1	2
TOTAL	55.6	41.4	3.0															500		500	500	500

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4348349	46527	93.0	6.796	500							
Dry Bulb	537493	15735	31.5	9.208	500		45.6					93
Wet Bulb	513235	15413	30.8	8.740	500		50.0					93
Dew Point	476376	14806	29.6	8.685	500		61.2					93

USAFETAC FORM 0 26 3 OL A PREV EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]6570	WERTHEIM AAF DL	73-81	DEC

PAGE 1 [illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51			.4															2	2		
50/ 49		1.7	.8	.2														14.	14.	2.	
48/ 47	.2	1.7	.2	.2														12	12	17	2
46/ 45	.6	2.5	1.3															23.	23.	17.	24
44/ 43	.6	1.9	.8															17	17	15	10
42/ 41	1.0	4.6	1.2															35.	35.	24.	21
40/ 39	.8	3.5	.8															26	26	29	23
38/ 37	1.9	3.3	1.5	.2														36.	36.	31.	27
36/ 35	1.5	7.9	1.0															54	54	35	33
34/ 33	4.4	6.0																54.	54.	70.	51
32/ 31	4.2	4.6																47	47	79	60
30/ 29	1.3	3.5	.2															26.	26.	26.	55
28/ 27	8.4	1.5	.2															53	53	51	73
26/ 25	4.6	1.0																29.	29.	29.	29
24/ 23	3.6	1.3																26	26	35	30
22/ 21	3.3	.8																21.	21.	21.	19
20/ 19	2.5	.2																14	14	17	16
18/ 17	2.1																	11.	11.	12.	20
16/ 15	.4	.4																4	4	3	6
14/ 13	1.3																	7.	7.	8.	2
12/ 11	.8	.2																5	5	5	8
10/ 9	.8																	4.	4.	4.	7
8/ 7																					3
4/ 3	.2																	1.	1.	1.	1
TOTAL	44.5	46.6	8.3	.6															521		521
																		521.		521.	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	4352674	47428	91.0	8.227	521
Dry Bulb	589770	16918	32.5	8.815	521
Wet Bulb	554659	16449	31.6	8.243	521
Dew Point	504705	15651	30.0	8.151	521

Mean No. of Hours with Temperature	≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb		44.3					93
Wet Bulb		50.2					93
Dew Point		59.1					93

USAFETAC FORM NOV 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
104570	WERTHEIM AAF DL	73-81	DEC

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
61/ 59					.2													1	1			
59/ 57				.2	.2													2	2			
56/ 55				.4														2	2			
54/ 53			.2		.4													3	3			
52/ 51		.2	.2	.2														3	3	2		
50/ 49		1.8	1.0															14	14	7		
48/ 47	.2	2.0	.6															14	14	23	5	
46/ 45	.4	3.2	1.4															25	25	12	21	
44/ 43	.6	2.0	1.0															18	18	21	18	
42/ 41	.8	5.5	3.0	.4														49	49	28	25	
40/ 39	.4	3.7	1.4	.6														31	31	26	23	
38/ 37	1.4	5.9	1.6															45	45	38	30	
36/ 35	1.8	9.1	1.0															60	60	56	36	
34/ 33	2.2	4.7	2.0															45	45	65	62	
32/ 31	2.8	4.5	.4															39	39	57	51	
30/ 29	1.2	5.3																33	33	45	45	
28/ 27	6.3	3.6	1.0															55	55	42	69	
26/ 25	3.0	1.6	.2															24	24	32	32	
24/ 23	1.2	2.0	.4															18	18	18	28	
22/ 21	1.2	.2																7	7	11	17	
20/ 19	1.6	.2																9	9	11	15	
18/ 17	.4	.2																3	3	3	10	
16/ 15	.8	.2																5	5	5	9	
14/ 13	.2																	1	1	2	5	
12/ 11	.2																	1	1	1	2	
10/ 9																					3	
TOTAL	26.4	65.8	15.2	1.8	.8														507		507	
																		507		507		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3869350	44022	86.8	9.637	507							
Dry Bulb	649651	17663	34.9	8.065	507		35.8					93
Wet Bulb	596443	16975	33.5	7.452	507		41.6					93
Dew Point	523457	15821	31.2	7.669	507		52.6					93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]572 — STATION
WERTHEIM AAF OL — STATION NAME
73-81 — YEARS
DEC — MONTH

PAGE 1 — HOURS 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57				.2														1	1		
56/ 55				.4	.2													3	3		
54/ 53				.4														2	2		
52/ 51				.2	.9													5	5	1	
50/ 49	.4	1.9	.2															12	12	7	2
48/ 47	.6	1.5	1.1															15	15	16	6
46/ 45	.4	1.7	1.3															16	16	18	15
44/ 43	.2	3.4	1.1															22	22	12	9
42/ 41	.6	5.1	1.5															34	34	32	23
40/ 39	.6	5.1	1.7	.2														36	36	21	31
38/ 37	.9	4.5	1.9	.2														35	35	34	27
36/ 35	1.9	8.3	.2															49	49	45	28
34/ 33	4.5	5.5	.4															49	49	71	49
32/ 31	1.5	7.0	.9															44	44	62	51
30/ 29	1.1	5.3																30	30	32	54
28/ 27	6.2	3.2	.4															46	46	38	63
26/ 25	2.6	2.6	.2															25	25	26	23
24/ 23	3.2	1.5																22	22	29	32
22/ 21	.6	.6																6	6	7	16
20/ 19	1.5	.6																10	10	10	16
18/ 17	.2																	1	1	4	5
16/ 15	.6																	3	3	3	12
14/ 13	.4																	2	2	2	3
12/ 11	.2																	1	1	1	3
TOTAL	28.4	50.0	10.9	1.7	1.1													469	469	469	469

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3633106	41036	87.5	9.548	469							
Dry Bulb	590871	16215	34.6	8.041	469		37.7					93
Wet Bulb	544623	15603	33.3	7.386	469		42.0					93
Dew Point	479745	14583	31.1	7.497	469		55.3					93

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
OMBETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] BERTHELM AAF AL 73-01

[illegible]		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	29.7	35.8	36.6	39.6	49.5	56.3	57.9	55.9	51.7	42.5	37.2	31.5	43.7
	S.D.	9.430	6.273	7.586	6.3[illegible]8	6.333	6.000	5.400	5.295	6.117	6.511	7.613	9.229	10.370
	TOTAL OBS	537	474	567	540	533	547	554	573	514	554	513	500	6376
	MEAN	30.7	33.0	40.3	45.6	55.6	62.4	64.3	64.3	57.4	45.8	38.5	32.5	47.8
-.1	S.D.	9.177	5.962	7.571	7.404	7.492	7.534	7.199	6.283	6.836	6.600	7.600	8.415	14.276
	TOTAL OBS	550	510	595	565	555	561	557	581	543	564	515	501	6623
	MEAN	33.0	36.6	40.1	51.6	59.7	65.9	68.1	69.5	63.1	50.2	41.6	34.9	51.5
[illegible]	S.D.	8.011	6.123	8.091	9.076	8.862	8.749	6.593	7.443	7.743	7.273	7.095	8.055	15.083
	TOTAL OBS	557	514	594	560	551	561	552	581	541	562	513	517	5598
	MEAN	33.3	37.4	46.1	51.0	63.5	67.4	69.7	70.6	64.0	51.1	41.3	34.5	52.4
[illegible]-.7	S.D.	7.876	6.451	7.989	9.2[illegible]1	9.340	9.102	8.534	7.847	8.209	7.807	7.537	8.341	15.63[illegible]
	TOTAL OBS	455	468	542	489	468	486	499	535	472	532	506	459	5963
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
[illegible]	MEAN	31.7	34.4	42.0	46.7	56.2	62.9	64.9	65.3	59.0	47.4	38.7	33.3	48.9
	S.D.	8.753	6.738	8.672	9.241	9.258	8.969	8.770	8.674	8.728	7.845	7.823	8.667	14.777
	TOTAL OBS	2117	1966	2298	2152	2177	2157	2162	2269	2070	2216	2047	1997	25557

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

57 WERTHEIM AAF OL 73-01

STATION NAME YEARS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	9.[illegible]	33.1	35.5	37.6	46.6	53.0	55.[illegible]	54.6	50.4	41.6	35.2	3[illegible].6	42.[illegible]
	S D	6.996	5.870	7.178	5.757	5.752	5.357	4.245	4.849	5.636	6.056	7.242	8.74[illegible]	11.394
	TOTAL OBS	5[illegible]7	474	567	539	533	544	553	573	514	554	513	5[illegible]0	6371
03-05	MEAN	30.[illegible]	32.0	38.1	41.8	50.2	56.3	56.1	58.4	53.8	44.2	37.5	31.6	44.5
	S D	6.678	5.380	6.785	5.967	5.907	5.746	4.655	4.562	5.050	5.803	7.064	8.243	12.022
	TOTAL OBS	555	510	595	563	555	558	557	581	543	564	515	5[illegible]1	6620
06-08	MEAN	32.3	34.5	41.1	44.2	51.9	57.5	59.4	6[illegible].2	56.3	46.9	39.4	33.5	46.6
	S D	7.435	5.230	6.786	6.382	6.120	5.907	4.836	4.694	5.660	5.791	6.770	7.452	11.71
	TOTAL OBS	557	514	594	560	551	558	552	580	541	567	513	5[illegible]7	6594
09-11	MEAN	32.1	34.9	41.6	44.2	52.3	58.[illegible]	59.9	60.4	56.4	47.2	39.0	33.3	46.7
	S D	7.256	5.435	6.564	6.441	6.015	5.7[illegible]	4.553	4.632	5.688	5.938	6.659	7.330	11.799
	TOTAL OBS	495	468	542	489	468	488	499	535	472	532	5[illegible]6	489	5963
12-14	MEAN													
	S D													
	TOTAL OBS													
15-17	MEAN													
	S D													
	TOTAL OBS													
18-20	MEAN													
	S D													
	TOTAL OBS													
21-23	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	31.[illegible]	32.9	39.1	42.[illegible]	50.2	56.3	58.[illegible]	58.4	54.2	45.[illegible]	38.0	32.3	45.[illegible]
	S D	6.217	5.835	7.247	6.664	6.353	5.939	4.960	5.238	6.130	6.280	7.047	8.157	11.082
	TOTAL OBS	2117	1966	2298	2151	2107	2148	2161	2269	2[illegible]2	2217	2[illegible]47	1997	25543

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

(57) WERTHEIM AAF DL 73-81

STATION NAME YEARS

HOUR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-03	MEAN	26.3	28.8	34.[illegible]	35.3	44.1	51.1	52.7	52.7	49.3	41.1	34.9	29.6	4[illegible].5
	S D	6.631	5.988	7.42[illegible]	6.113	6.226	5.794	4.496	5.219	5.6[illegible]1	5.961	7.322	6.5[illegible]5	11.234
	TOTAL OBS	507	474	567	539	533	544	553	573	514	554	513	5[illegible]	6371
03-06	MEAN	28.9	30.2	35.3	37.0	45.3	51.6	53.5	54.1	50.9	42.6	35.8	3[illegible]	41.4
	S D	6.461	5.379	7.218	6.426	6.674	6.351	4.944	5.371	5.679	5.746	7.127	8.151	11.280
	TOTAL OBS	558	510	595	563	555	558	557	591	543	564	515	571	6677
06-09	MEAN	30.5	31.3	36.4	37.0	44.8	51.2	53.2	53.7	51.1	43.7	36.5	31.2	41.9
	S D	7.276	5.378	7.458	6.714	6.686	6.494	5.454	5.759	6.[illegible]70	5.794	6.327	7.669	1[illegible].761
	TOTAL OBS	557	514	594	560	551	558	552	580	541	567	513	5[illegible]7	6594
09-12	MEAN	31.1	31.4	36.[illegible]	36.5	44.7	50.9	52.8	53.0	50.5	43.4	36.2	31.1	41.5
	S D	7.171	5.657	7.694	7.06[illegible]	6.353	6.241	5.553	6.[illegible]04	6.[illegible]30	5.856	6.710	7.497	1[illegible]
	TOTAL OBS	475	468	542	489	468	488	499	535	472	532	576	459	6563
12-15	MEAN													
	S D													
	TOTAL OBS													
15-18	MEAN													
	S D													
	TOTAL OBS													
18-21	MEAN													
	S D													
	TOTAL OBS													
21-24	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	29.[illegible]	30.4	35.4	36.4	44.7	51.2	53.0	53.4	50.5	42.7	35.6	3[illegible].5	41.5
	S D	8.012	5.688	7.496	6.6[illegible]7	6.504	6.23[illegible]	5.125	5.612	5.581	5.916	7.022	8.746	11.013
	TOTAL OBS	2117	1966	2298	2131	2107	2148	2161	2269	2[illegible]70	2217	2[illegible]47	1997	25549

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

570 — STATION
WERTHEIM AAF DL — STATION NAME
73-81 — PERIOD
JAN — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
JAN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.2	94.9	75.5	93.8	577
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	99.5	94.3	63.4	92.5	559
	12-14	100.0	100.0	100.0	100.0	100.0	99.8	98.6	83.5	49.4	89.0	557
	15-17	100.0	100.0	100.0	100.0	100.0	99.8	97.4	84.0	45.9	88.3	495
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	100.0	100.0	99.9	98.7	89.2	58.6	9[illegible].9	2117

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

572 (STATION) WERTHEIM AAF DL (STATION NAME) 73-81 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
FEB	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.1	94.1	70.3	92.7	474
	09-11	100.0	100.0	100.0	100.0	100.0	99.4	96.1	85.5	51.0	89.6	510
	12-14	100.0	100.0	100.0	100.0	99.0	94.4	80.7	60.3	28.2	82.1	514
	15-17	100.0	100.0	100.0	100.0	97.6	90.6	74.4	53.6	25.2	79.9	468
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	100.0	99.2	96.1	87.3	73.4	43.7	86.1	1966

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

57 (STATION) WERTHEIM AAF OL (STATION NAME) 73-81 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
MAR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	98.9	87.5	60.0	90.4	567
	09-11	100.0	100.0	100.0	100.0	99.3	95.5	81.3	62.4	29.9	82.9	595
	12-14	100.0	100.0	100.0	98.8	93.3	76.4	57.9	35.7	14.3	73.4	594
	15-17	100.0	100.0	99.4	97.0	86.0	67.3	50.4	29.3	11.3	69.6	542
	18-20											
	21-23											
TOTALS		100.0	100.0	99.9	99.0	94.7	84.7	72.1	53.7	28.9	79.1	2298

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION: 5720 STATION NAME: WERTHEIM AAF OL PERIOD: 73-81 MONTH: APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
APR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.8	99.4	96.7	87.4	71.3	37.7	85.0	539
	09-11	100.0	100.0	100.0	98.8	92.0	76.2	56.5	35.3	11.0	72.7	563
	12-14	100.0	100.0	99.3	87.9	68.9	51.1	34.5	20.0	4.1	62.3	563
	15-17	100.0	100.0	97.3	83.6	63.2	48.5	30.1	18.0	5.1	62.4	489
	18-20											
	21-23											
	TOTALS	100.0	100.0	99.2	92.5	80.9	68.1	52.1	35.9	14.5	72.1	2151

USAFETAC FORM JUL 64 0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

570 — STATION
WERTHEIM AAF OL — STATION NAME
73-81 — PERIOD
MAY — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
MAY	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.8	96.2	86.9	63.8	30.0	83.7	533
	09-11	100.0	100.0	100.0	97.8	89.2	70.1	49.5	26.7	9.5	69.8	555
	12-14	100.0	100.0	99.1	88.4	68.2	43.9	28.1	14.5	7.1	6[illegible].3	551
	15-17	100.0	100.0	97.0	80.8	62.4	40.8	25.0	12.4	4.7	58.[illegible]	458
	18-20											
	21-23											
TOTALS		100.0	100.0	99.0	91.8	79.9	62.8	47.4	29.4	12.8	68.[illegible]	2137

USAFETAC FORM JUL 64 0-87-5 (OL A)

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

570 (STATION) FORTHEIM AAF OL (STATION NAME) 73-81 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
JUN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.6	99.1	95.6	88.1	62.1	29.0	83.3	544
	09-11	100.0	100.0	99.6	97.0	93.7	72.9	47.5	22.8	7.9	69.5	555
	12-14	100.0	99.3	97.8	91.2	71.9	50.5	30.8	12.0	2.3	61.2	555
	15-17	100.0	99.4	96.1	86.5	65.6	41.4	25.8	9.0	1.0	57.9	488
	18-20											
	21-23											
TOTALS		100.0	99.7	98.4	93.6	81.8	65.1	48.1	26.5	10.1	68.4	2143

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

2

570	WERTHEIM AAF DL	73-81	JUL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80	90		
JUL	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.1	98.6	94.8	87.9	62.6	31.3	83.4	553
	09-11	100.0	100.0	98.7	96.8	90.7	73.1	51.5	23.7	8.6	69.8	557
	12-14	100.0	98.6	95.8	90.2	73.2	49.8	31.3	16.1	6.0	61.6	552
	15-17	100.0	97.6	94.4	86.0	63.3	41.7	22.0	11.8	3.2	57.8	499
	18-20											
	21-23											
TOTALS		100.0	99.1	97.2	93.0	81.5	64.9	48.2	28.6	12.3	66.2	2161

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

573 (STATION) WERTHEIM AAF DL (STATION NAME) 73-81 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
AUG	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	98.1	91.8	71.6	38.9	86.2	573
	09-11	100.0	100.0	99.8	98.3	91.0	76.1	55.6	27.5	7.7	70.8	581
	12-14	100.0	100.0	97.8	88.3	68.8	45.2	25.3	9.5	1.6	59.2	580
	15-17	100.0	99.6	95.7	80.4	58.3	36.4	20.6	7.9	2.2	55.7	535
	18-20											
	21-23											
TOTALS		100.0	99.9	98.3	91.8	79.5	64.0	48.3	29.1	12.6	68.0	2269

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
1573	WERTHEIM AAF DL	73-81	SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
SEP	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	98.1	87.5	65.4	91.7	514
	09-11	100.0	100.0	100.0	99.8	98.9	92.6	79.2	46.6	20.3	79.7	543
	12-14	100.0	100.0	99.8	97.8	87.1	66.5	41.2	15.0	5.5	66.6	541
	15-17	100.0	100.0	98.9	96.0	80.9	55.7	35.8	10.6	3.0	63.5	472
	18-20											
	21-23											
TOTALS		100.0	100.0	99.7	98.4	91.7	78.6	63.6	39.9	23.6	75.4	2070

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

570 (STATION) WERTHEIM AAF DL (STATION NAME) 73-81 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
OCT	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	98.7	94.4	77.6	95.0	554
	09-11	100.0	100.0	100.0	100.0	100.0	99.1	93.1	83.0	51.2	89.3	564
	12-14	100.0	100.0	100.0	100.0	99.3	93.1	72.8	47.3	23.8	79.3	567
	15-17	100.0	100.0	100.0	100.0	94.9	85.5	67.7	42.1	20.7	76.5	532
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	100.0	98.6	93.6	83.1	66.0	43.3	85.0	2217

USAFETAC FORM JUL 64 0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

573 — STATION
WERTHEIM AAF DL — STATION NAME
73-81 — PERIOD
NOV — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.6	89.5	63.2	91.8	513
	09-11	100.0	100.0	100.0	100.0	100.0	99.4	96.7	84.3	51.1	89.2	515
	12-14	100.0	100.0	100.0	100.0	99.0	97.1	84.8	60.0	25.9	82.9	513
	15-17	100.0	100.0	100.0	100.0	100.0	98.2	84.6	60.3	25.3	82.6	506
	18-20											
	21-23											
	TOTALS	100.0	100.0	100.0	100.0	100.0	98.7	91.2	73.5	41.4	86.6	2047

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible]573 (STATION) WERTHEIM AAF DL (STATION NAME) 73-81 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
DEC	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.2	95.6	68.0	93.0	[illegible]
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	97.9	88.3	58.5	91.0	521
	12-14	100.0	100.0	100.0	100.0	100.0	98.8	94.1	76.5	43.9	86.8	527
	15-17	100.0	100.0	100.0	100.0	100.0	98.9	93.4	79.5	44.8	87.5	459
	18-20											
	21-23											
TOTALS		100.0	100.0	100.0	100.0	100.0	99.4	96.2	85.0	53.7	89.6	1997

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

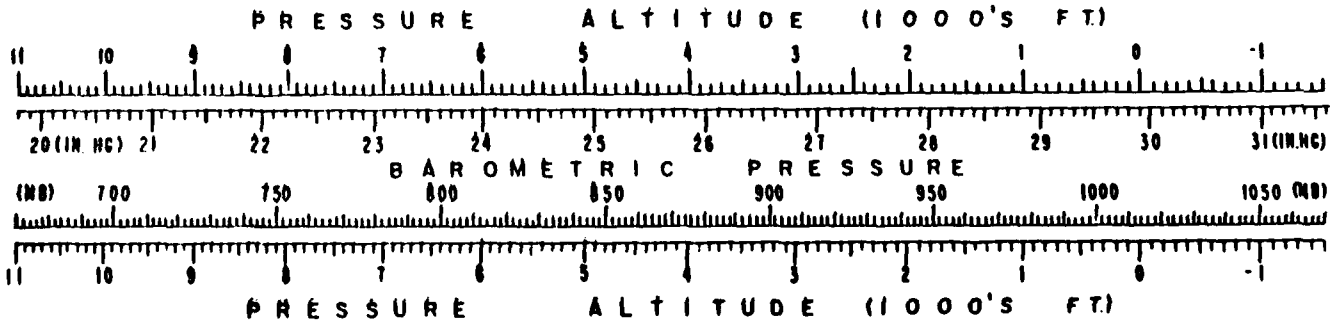
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

57[illegible] WERTHEIM AAF DL 73-81

STATION NAME YEARS

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	MEAN													
	S D													
	TOTAL OBS													
3	MEAN													
	S D													
	TOTAL OBS													
7	MEAN	28.8222	28.7712	28.7572	28.7732	28.7872	28.8512	28.8342	28.8922	28.8822	28.8182	28.7472	28.763	28.815
	S D	.315	.344	.266	.201	.198	.148	.145	.147	.191	.266	.293	.394	.255
	TOTAL OBS	186	156	196	187	185	188	185	191	166	186	172	177	2197
9	MEAN	28.8392	28.7792	28.7692	28.7782	28.7922	28.8572	28.8392	28.8942	28.9062	28.8342	28.8682	28.778	28.829
	S D	.311	.350	.265	.2[illegible]2	.198	.149	.142	.148	.188	.270	.291	.3[illegible]0	.257
	TOTAL OBS	190	171	199	188	185	186	188	194	181	187	171	178	2214
11	MEAN	28.8302	28.7722	28.7602	28.7702	28.7832	28.8472	28.8262	28.8772	28.8882	28.8222	28.8622	28.76	28.816
	S D	.312	.347	.265	.200	.191	.146	.140	.142	.185	.265	.289	.392	.254
	TOTAL OBS	191	172	199	187	184	187	186	195	182	189	172	178	2222
13	MEAN	28.8012	28.7712	28.7402	28.7412	28.7662	28.8362	28.8082	28.8592	28.8622	28.8062	28.8482	28.750	28.802
	S D	.329	.333	.266	.198	.199	.144	.139	.136	.189	.268	.292	.397	.253
	TOTAL OBS	151	151	173	169	159	168	180	191	165	174	168	158	2117
15	MEAN													
	S D													
	TOTAL OBS													
21	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	28.8242	28.7742	28.7572	28.7662	28.7832	28.8482	28.8272	28.8762	28.8952	28.8202	28.8562	28.763	28.815
	S D	.316	.343	.266	.201	.196	.147	.142	.144	.188	.267	.291	.398	.255
	TOTAL OBS	730	660	767	732	713	729	739	771	694	736	683	691	9644

USAF ETAC FORM OCT 78 0-89-5 (OL A)

END

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